



*Personal Systems Reference
Lenovo Essential Notebooks
2006 to present - withdrawn*

February 2011 - Version 393



lenovo.com

Lenovo™ 3000 C100 (0761) - withdrawn

Created by Lenovo Training Solutions
Personal Systems Reference (PSREF)

Type-model	Processor	Speed GHz	Memory	Display screen	Integrated graphics controller	EIDE Disk GB ⁸	EIDE Optical	Mini PCI Comm Bay wireless	Mo- dem	Blue- tooth	Fire- Wire	Bat- tery cells	Pre- Load	Limited war- ranty ¹²	Avail date
0761-22U	Celeron® M 370	1.50	256MB	15.0" XGA	GMA 900	40GB	Combo	Lenovo 11a/b/g	Modem	No	1394	8	XP Home	1-yr	Mar 06
0761-23U	Celeron M 370	1.50	512MB	15.0" XGA	GMA 900	80GB	Combo	Lenovo 11a/b/g	Modem	No	1394	8	XP Pro	1-yr	Mar 06
0761-EAU	Pentium® M 730	1.60	512MB	15.0" XGA	GMA 900	40GB	Combo	*Intel 11a/b/g	Modem	No	1394	8	XP Home	1-yr	Apr 06
0761-24U	Pentium M 740	1.73	512MB	15.0" XGA	GMA 900	40GB	Combo	*Intel 11b/g	Modem	No	1394	8	XP Home	1-yr	Mar 06
0761-25U	Pentium M 740	1.73	512MB	15.0" XGA	GMA 900	80GB	Combo	*Intel 11a/b/g	Modem	No	1394	8	XP Pro	1-yr	Mar 06
0761-26U	Pentium M 740	1.73	512MB	15.0" XGA	GMA 900	80GB	DVD±RW	*Intel 11a/b/g	Modem	No	1394	8	XP Pro	1-yr	Mar 06
0761-2BU	Celeron M 370	1.50	512MB	15.0" XGA	GMA 900	80GB	DVD±RW	Lenovo 11a/b/g	Modem	No	1394	8	XP Home	1-yr	Mar 06
0761-2CU	Pentium M 740	1.73	512MB	15.0" XGA	GMA 900	40GB	DVD±RW	*Intel 11a/b/g	Modem	No	1394	8	XP Home	1-yr	Mar 06

These Lenovo 3000 C100 models have a 15.0" screen

Positioning Processor	Entry and mainstream notebooks at an exceptional value Intel® Celeron M Processor 370 with Execute Disable Bit, 400MHz system bus or Intel Pentium M Processor 730 or 740 with Enhanced Intel SpeedStep™ technology ¹ , Execute Disable Bit, and 533MHz system bus <i>Celeron M: 1MB; Pentium M: 2MB</i>										SOFTWARE¹⁴				
L2 cache	256 or 512MB std / 2GB max ⁷ / PC2-4200 533MHz DDR2 / non-parity / CL4 / dual-channel capable / two 200-pin SO-DIMM sockets / std mem in 1 socket / 1 socket avail										Windows XP Professional models				
Memory											- Microsoft® Windows® XP Professional ²⁰ (Service Pack 2) ✧ Disk-to-Disk Recovery (in hidden protected area)				
Diskette drive	None standard / use optional USB-based diskette drive										Windows XP Home models				
EIDE Combo	Some: DVD-ROM/CD-RW / 24X/24X/24X/8X ²¹ speed / fixed, not removable / 12.7mm										- Microsoft Windows XP Home Edition ²⁰ (Service Pack 2) ✧ Disk-to-Disk Recovery (in hidden protected area)				
EIDE DVD±RW	Some: CD and DVD burner / dual-layer support / fixed, not removable / 12.7mm														
EIDE disk	40GB⁸ or 80GB (5400 rpm) / ATA100 / 9.5mm high / removable														
Screen	15.0" (381.0mm) XGA (1024x768) TFT color / Anti-glare / 185 nits														
Graphics	Intel Graphics Media Accelerator 900 (GMA 900) / integrated graphics in 915GM GMCH / uses main memory (up to 128MB with 256MB+) / 200MHz										Preloaded (all)				
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / Lenovo Care SM button										• Lenovo Care SM Tools				
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)										- Rescue and Recovery™				
Dimensions ³	(WxDxH): 13.1" x 10.9" x 1.33-1.45"; 334mm x 278mm x 33.8-37.0mm										- System Update				
Weight ²	with optical drive and battery: 6.24 lb (2.83 kg) to 6.39 lb (2.90 kg)										- Password Manager				
Case	Color: silver top; black bottom; Material: ABS plastic										- Access Connections™				
Battery - type	Lithium Ion 8-cell										• Norton Internet Security 2005				
Battery - life ¹⁰	Celeron models: up to 4.5 hr; Pentium models: up to 5.0 hr										AntiSpyware Edition (90 days of virus definitions)				
Architecture	Mobile Intel 915GM Express Chipset / 82915GM Graph Mem Cont Hub (GMCH-M) / 82801FBM ICH6-M I/O Controller Hub (ATA-100 EIDE, PCI bus, USB, Low Pin Count [LPC] interface) / PCI bus (ENE CB714 CardBus controller, Mini PCI, 1394) / LPC bus (ENE® KB910L Super I/O)										• PC-Doctor™ (diagnostics)				
PC Card Std slot	One Type I or Type II slot / CardBus 32-bit / integrated door										• Adobe® Reader				
Ports	3-in-1 digital media reader (MultiMedia Card, Memory Stick, Secure Digital) / S-video out port (TV out) / IEEE 1394 (FireWire) / four USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)										• Google Toolbar				
Video out	S-video out port (TV out) / one 4-pin industry standard connector										• Google Desktop				
IEEE 1394	Some: IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard										• Picasa from Google				
Mini PCI	One Mini PCI slot / not customer upgradeable										• Diskeeper™ Lite				
Lenovo 11a/b/g ¹¹	Some: 11a/b/g wireless ⁴ , Lenovo 11a/b/g Mini PCI Adapter, Broadcom® chipset										• Corel® Small Business Center™ with WordPerfect® Office 12				
Intel 11a/b/g ¹¹	Some: 11a/b/g wireless ⁴ , Mini PCI, Intel PRO/Wireless 2915ABG, 82533 chipset										• AOL and EarthLink (XP Home models only)				
Bluetooth™	None										• Roxio Digital Media LE (combo, DVD±RW)				
Modem	56K ⁶ V.90 (V.92-designed ¹⁵) modem / Conexant® chipset / not customer accessible										• InterVideo WinDVD (combo, DVD±RW)				
Ethernet	10/100 on systemboard / RealTek RTL8100CL / PCI 2.3 / PHY/MAC										• InterVideo WinDVD Creator (DVD±RW)				
Audio support	AC97 codec / RealTek ACL250 controller / stereo speakers / 1 watt / mute button / mono microphone / microphone input jack (3.5 mm) / headphone jack (3.5 mm)										License - CD not included (all)				
Security	Power-on password / hard disk password / supervisor password / security keyhole										- Lotus® SmartSuite® Millennium and Lotus Notes® Stand-alone Client (Notes client not supported on XP Home)				
Limited warranty ¹²	1-year - EasyServ™ onsite ¹³ pickup and delivery / service upgrades ²² available										Universal 65-watt AC adapter Wireless on/off switch RoHS compliant ENERGY STAR®-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free warranty support during the warranty ¹²				
256MB PC2-4200 DDR2 NP CL4 SOD	73P3840	Lenovo C100 Series Li-Ion Battery 8-cell								40Y8313	Lenovo Care SM 1-year LOR 9x5 NBD 41K0547				
512MB PC2-4200 DDR2 NP CL4 SOD	73P3842	ThinkPad and Lenovo 65W AC Adapter								40Y7696	Lenovo Care 2-year LOR 9x5 NBD 41K0548				
1GB PC2-4200 DDR2 NP CL4 SOD	73P3844	ThinkPad 90W AC/DC Combo Adapter								40Y7630	Lenovo Care 2-year P&L PU Depot 41K0545				
USB Portable Diskette Drive	05K9276	Belkin Surge Protector								31P7659	Lenovo Care 3-year LOR 9x5 NBD 41K0549				
USB 2.0 Essential Memory Key 512MB	40Y8590	Lenovo Carrying Case - Messenger								40Y8598	Lenovo Care 3-year P&L PU Depot 41K0546				
USB 2.0 Memory Key 1GB	40Y7421	Lenovo Carrying Case - Top Loader								40Y8601	Lenovo Care maintenance services at http://lenovo.com/warranty				
USB 2.0 Port Replicator with Video	40Y8132	Lenovo Carrying Case - Backpack								40Y8603					
USB 2.0/Analog Headset by Sennheiser	40Y8518	E74 17" FST CRT Monitor (16.0 vis) blk								332PHN					
USB 2.0 Lenovo Webcam	40Y8519	Lenovo L151 15" Monitor (black)								9165AB6					
USB 2.0 Super Multi-Burner Drive	40Y8638	Lenovo L171 17" Monitor (black)								9227AB6					
USB Keyboard with UltraNav	31P8950	Lenovo L191 19" Monitor (black)								6135AB1					
USB Travel Keyboard with UltraNav	31P9490	Lenovo L192 Wide 19" Monitor (black)								6920AB1					
Kensington® MicroSaver® Security Cable	73P2582	ThinkVision® C170 17" (16.0" vis) (black)								6737P6N					
Kensington Kevlar MicroSaver Cable Lock	22P7446	ThinkVision C190 19" (18.0" vis) (black)								6739P0N					
Lenovo M500 Projector	0037A05	ThinkVision L171p 17" Monitor (black)								9417HB2					
Optical 3-Button Travel Wheel Mouse	31P7410	ThinkVision L192p 19" Monitor (black)								9419HB2					
Optical 3-Button ScrollPoint® Mouse	31P7405	ThinkVision L201p 20.1" Monitor (black)								9320HB1					
Verizon Wireless V620 WWAN PC Card ²⁵	40Y9137	Other options at http://lenovo.com/options													

See footnotes for important warranty information
US models announced February 23 or April 18, 2006
US models withdrawn effective October 2006

* Powered by Intel Centrino® mobile technology

© Lenovo
(B11-1) October 2006

Type-model	Processor	GHz	Memory	Display screen	Integrated graphics controller	SATA disk ⁸	EIDE optical	Mini PCIe 802.11 wireless	Modem	Blue-tooth	Fire-Wire	Preload	Limited warranty ¹²	Avail date	
8922-28U	Celeron® M 420	1.60	512MB	15.0"	XGA	GMA	80GB	DVD±RW	Lenovo 11b/g ¹¹	Modem	No	1394	XP Home	1-yr Oct 06	
8922-2FU	Celeron M 420	1.60	512MB	15.0"	XGA	GMA	40GB	Combo	Lenovo 11b/g	Modem	No	1394	XP Home	1-yr Oct 06	
8922-29U	Celeron M 420	1.60	512MB	15.0"	XGA	GMA	80GB	Combo	Lenovo 11b/g	Modem	No	1394	XP Pro	1-yr Oct 06	
8922-02U	Celeron M 440	1.86	512MB	15.0"	XGA	GMA	80GB	Combo	Lenovo 11b/g	Modem	No	1394	XP Pro	1-yr May 07	
8922-5WU	Celeron M 520	1.60	512MB	15.0"	XGA	GMA	80GB	Combo	Lenovo 11b/g	Modem	No	1394	XP Pro	1-yr Jun 07	
8922-BFU	Pentium® T2060	1.66	1GB	15.0"	XGA	GMA	80GB	DVD±RW	Lenovo 11b/g	Modem	No	1394	XP Pro	1-yr Jan 07	
8922-2AU	Core™ 2 Duo T5500	1.66	512MB	15.0"	XGA	GMA	80GB	Combo	* Intel 11a/b/g ¹¹	Modem	No	1394	XP Pro	1-yr Oct 06	
8922-2BU	Core 2 Duo T5500	1.66	1GB	15.0"	XGA	GMA	80GB	DVD±RW	* Intel 11a/b/g	Modem	No	1394	XP Pro	1-yr Oct 06	
These Lenovo 3000 C200 models have a 15.0" screen															
Positioning Processor	Mainstream features; two spindles Intel® Celeron M Processor 420 or 440 with Execute Disable Bit/ 533MHz system bus, and 1MB L2 cache or Intel Celeron M Processor 520 with Execute Disable Bit, Intel 64 Technology, 533MHz system bus, and 1MB L2 cache or Intel Pentium Processor T2060 with dual-core, Enhanced Intel SpeedStep® technology ¹ , Execute Disable Bit, 533MHz system bus, and 1MB L2 cache (shared) or Intel Core 2 Duo processor T5500 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep technology, Execute Disable Bit, 667MHz system bus, and 2MB shared L2 cache										SOFTWARE ¹⁴ Windows XP Professional models - Microsoft® Windows® XP Professional ²⁰ (Service Pack 2) ✧ Disk-to-Disk Recovery Windows XP Home models - Microsoft Windows XP Home Edition ²⁰ (Service Pack 2) ✧ Disk-to-Disk Recovery				
Memory	512MB or 1GB std / 4GB max ⁷ / PC2-5300 667MHz DDR2 / non-parity / dual-channel capable / two 200-pin SO-DIMM sockets / Italics: standard memory in both sockets; no sockets available; Non-italics: standard memory in one socket; one socket available										Preloaded (all OSes) • Lenovo Care SM Tools – Rescue and Recovery™ – System Update – Password Manager – Access Connections™ • Norton Internet Security 2005 AntiSpyware Edition (90 days of virus definitions) • PC-Doctor™ (diagnostics) • Adobe® Reader • Google Toolbar • Google Desktop • Picasa from Google • Diskeeper™ Lite • Corel® Small Business Center™ with WordPerfect® Office 12 • EarthLink (XP Home models only) • Roxio Digital Media LE (combo, DVD±RW) • InterVideo WinDVD (combo, DVD±RW) • InterVideo WinDVD Creator (DVD±RW)				
Diskette drive	None standard / use optional USB-based diskette drive														
EIDE Combo	Some: DVD-ROM/CD-RW / 24X/24X/24X/8X ²¹ speed / fixed, not removable / 12.7mm														
EIDE DVD±RW	Some: CD and DVD burner / dual-layer support / fixed, not removable / 12.7mm														
SATA disk	40GB ⁸ or 80GB (5400 rpm) / SATA150 / 9.5mm high / removable and upgradable														
Screen	15.0" (381.0mm) XGA (1024x768) TFT color / anti-glare / 180 nits														
Graphics	Intel Graphics Media Accelerator 950 / integrated in 945GM / 250MHz														
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / Lenovo Care SM button														
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)														
Dimensions ³	(WxDxH): 13.3" x 11.0" x 1.10-1.49"; 338.7mm x 279mm x 28.1-37.9mm														
Weight ²	with optical drive and battery: 6.19 lb (2.78 kg)														
Case	Color: silver top and bottom; Material: Acrylonitrile-Butadiene-Styrene (ABS) plastic														
Battery - type	Lithium Ion 6-cell														
Battery - life ¹⁰	Celeron and Pentium models: up to 2.5 hr; Core 2 Duo models: up to 3.75 hr														
Chipset	Mobile Intel 945GM Express Chipset / 82945GM Graphics Memory Controller Hub / 82801GHM ICH7-M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC bus) / PCI bus (ENE® CB1410 CardBus controller, Ricoh® R5C832 1394) / LPC bus (ENE KB910L Super I/O) One Type I or Type II slot, CardBus 32-bit														
PC Card Std slot	5-in-1 Multicard Reader (MultiMedia Card, Memory Stick®, Memory Stick Pro™, Secure Digital, xD-Picture Card™) / S-video out port (TV-out) / IEEE 1394 (FireWire) / four USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)														
Ports															
Video out	S-video out port (TV-out) / one 7-pin industry standard connector														
IEEE 1394	IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard														
Mini PCI Express	One Mini PCI Express slot / not customer upgradable														
Lenovo 11b/g ¹¹	Some: 11b/g wireless ⁴ , Lenovo 11b/g Mini PCI Express Adapter, Broadcom® chipset														
Intel 11a/b/g ¹¹	Some: 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG														
Bluetooth™	None														
Modem	56K® V.90 (V.92-designed ¹⁵) modem / not customer accessible														
Ethernet	10/100 on systemboard / RealTek RTL8100CL / PCI 2.3 / PHY/MAC														
Audio support	High Definition (HD) Audio, RealTek ALC861VD controller / stereo speakers, 1.5 watt / mute button / mono microphone, microphone input jack (3.5 mm, stereo), headphone jack (3.5 mm, stereo)														
Security	Power-on password / hard disk password / supervisor password / security keyhole										Universal 65-watt AC adapter Wireless on/off switch RoHS-compliant				
Fingerprint reader	None										International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378				
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ onsite ¹³ pickup and delivery / service upgrades ²² available														
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733		Lenovo C200 Series Li-Ion Battery 6-cell		40Y8322										
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734		ThinkPad and Lenovo 65W AC Adapter		40Y7696										
USB Portable Diskette Drive	05K9276		Lenovo 90W Slim AC/DC Combo Adapter		41N8460										
USB 2.0 Essential Memory Key 2GB	41U4944		Lenovo Carrying Case - Messenger Max		41U5253										
USB 2.0 Security Memory Key 4GB	41U5120		Lenovo Carrying Case Top Loader		40Y8601										
USB 2.0 Lenovo Enhanced Port Replicator	43R8770		Lenovo Case - Performance Backpack		41U5254										
USB 2.0 Multimedia Headset	40Y8518		Lenovo M500 Projector		0037A05										
USB 2.0 Lenovo Webcam	40Y8519		ThinkVision® L171 17" LCD Monitor		9227AD1										
USB 2.0 Portable 80GB Hard Disk	41N8378		ThinkVision L171p 17" LCD Monitor		9417HC2										
USB 2.0 Portable 120GB Hard Disk	41N8379		ThinkVision L190x 19" LCD Monitor		4439HB2										
USB 2.0 Super Multi-Burner Drive	41N5565		ThinkVision L193p 19" LCD Monitor		4431HB2										
120GB Disk 9.5mm SATA150 (5400 rpm)	41N5693		ThinkVision L194 Wide 19" LCD Monitor		4434HB6										
Optical 3-Button Travel Wheel Mouse	31P7410		ThinkVision L220x Wide 22" LCD Monitor		4433HB2										
Lenovo Laser Mouse (USB, PS/2)	41U3074		Kensington® MicroSaver® Security Cable		73P2582										
Other accessories on O-C200 sheet			Others at http://lenovo.com/accessories												
							Lenovo Care SM 1-year LOR 9x5 NBD 41K0547								
							Lenovo Care 2-year LOR 9x5 NBD 41K0548								
							Lenovo Care 2-year P&L PU Depot 41K0545								
							Lenovo Care 3-year LOR 9x5 NBD 41K0549								
							Lenovo Care 3-year P&L PU Depot 41K0546								
							Lenovo Care maintenance services at http://lenovo.com/warranty								

See footnotes for important warranty information

* Intel Centrino® processor technology

US models announced Oct 17, 2006, Jan 24, May 1, or June 1, 2007

US models withdrawn effective April 2008

© Lenovo

(TR1-1) April 2008

Type-model	Processor	GHz	Core	Memory	Display screen	Integrated graphics controller	SATA Disk ⁸	EIDE Optical	Mini PCIe 802.11 wireless	Mo-dem	Fire-Wire	Preload	Vista logo	Limited war-ranty ¹²	Avail date
8922-A1U	Celeron® M 430	1.73	Single	512MB	15.0" XGA	GMA 80GB	DVD±RW	Lenovo 11b/g ¹¹	Yes	1394	Home Basic	Basic	1-yr Jan 07		
8922-A2U	Celeron M 430	1.73	Single	512MB	15.0" XGA	GMA 80GB	Combo	Lenovo 11b/g	Yes	1394	Business32	Basic	1-yr Jan 07		
8922-04U	Celeron M 520	1.60	Single	512MB	15.0" XGA	GMA 80GB	DVD±RW	Lenovo 11b/g	Yes	1394	Home Basic	Basic	1-yr Jun 07		
8922-A4U	Pentium® T2060	1.60	Dual	1GB	15.0" XGA	GMA 80GB	DVD±RW	Lenovo 11b/g	Yes	1394	Business32	Premium	1-yr Jan 07		
8922-01U	Pentium T2080	1.70	Dual	1GB	15.0" XGA	GMA 120GB	DVD±RW	Lenovo 11b/g	Yes	1394	Business32	Premium	1-yr May 07		
8922-03U	Pentium T2080	1.70	Dual	1GB	15.0" XGA	GMA 120GB	DVD±RW	Lenovo 11b/g	Yes	1394	XP Pro			1-yr Jun 07	
These Lenovo 3000 C200 models have a 15.0" screen															
Positioning Processor	Mainstream features; two spindles Intel® Celeron M Processor 430 with single-core, Execute Disable Bit, 533MHz system bus, and 1MB L2 cache or Intel Celeron M Processor 520 with Execute Disable Bit, Intel 64 Technology, 533MHz system bus, and 1MB L2 cache or Intel Pentium Processor T2060 or T2080 with dual-core, Enhanced Intel SpeedStep® technology ¹ , Execute Disable Bit, 533MHz system bus, and 1MB shared L2 cache										Preloaded operating system ²⁰ - Some: Microsoft® Windows® Vista™ Home Basic Edition (32-bit) - Some: Microsoft Windows Vista Business Edition (32-bit) - Some: Microsoft Windows XP Professional				
Memory	512MB or 1GB std / 4GB max ⁷ / PC2-5300 667MHz DDR2 / non-parity / dual-channel capable / two 200-pin SO-DIMM sockets / Italics: standard memory in both sockets; no sockets available; Non-italics: standard memory in one socket; one socket available										Preloaded applications ¹⁴ (all OSES) • Lenovo CareSM Tools – Rescue and Recovery™ – System Update – Password Manager – Access Connections™ • Norton Internet Security (90 days of virus definitions) • PC-Doctor™ (diagnostics) • Adobe® Reader • Picasa from Google • Diskeeper® Lite (XP models) • Diskeeper Home (Vista models) • Corel® Small Business Center™ with WordPerfect® Office 12 • QuickBooks Financial Center • Network Magic™ (Vista only) • Windows Live™ Toolbar (Vista only) • Windows Live Search (Vista only) • QuickBooks Financial Center • Microsoft Office 2007 Trial (Vista only) • EarthLink (Vista Home Basic models only)				
Diskette drive	None standard / use optional USB-based diskette drive														
EIDE Combo	Some: DVD-ROM/CD-RW / 24X/24X/24X/8X ²¹ speed / fixed, not removable / 12.7mm														
EIDE DVD±RW	Some: CD and DVD burner / dual-layer support / fixed, not removable / 12.7mm														
SATA disk	80GB ⁸ or 120GB (5400 rpm) / SATA150 / 9.5mm high / removable and upgradable														
Screen	15.0" (381.0mm) XGA (1024x768) TFT color / anti-glare / 180 nits														
Graphics	Intel Graphics Media Accelerator 950 / integrated in 945GM / 250MHz														
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / Lenovo CareSM button														
Touch pad	Two-button touch pad with scroll feature (no TrackPoint™)														
Dimensions ³	(WxDxH): 13.3" x 11.0" x 1.10-1.49"; 338.7mm x 279mm x 28.1-37.9mm														
Weight ²	with optical drive and battery: 6.13 lb (2.78 kg)														
Case	Color: silver top and bottom; Material: Acrylonitrile-Butadiene-Styrene (ABS) plastic														
Battery - type	Lithium Ion 6-cell														
Battery - life ¹⁰	Celeron models: up to 2.5 hr; Core Duo models: up to 3.75 hr														
Chipset	Mobile Intel 945GM Express Chipset / 82945GM Graphics Memory Controller Hub / 82801GHM ICH7-M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC bus) / PCI bus (ENE® CB1410 CardBus controller, Ricoh® R5C832 1394) / LPC bus (ENE KB910L Super I/O)														
PC Card Std slot	One Type I or Type II slot, CardBus 32-bit														
Ports	5-in-1 Multicard Reader (MultiMedia Card, Memory Stick®, Memory Stick Pro™, Secure Digital, xD-Picture Card™) / S-video out port (TV-out) / IEEE 1394 (FireWire) / four USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)														
Video out	S-video out port (TV-out) / one 7-pin industry standard connector														
IEEE 1394	IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard														
Mini PCI Express	One Mini PCI Express slot / not customer upgradable														
Lenovo 11b/g ¹¹	11b/g wireless ⁴ , Lenovo 11b/g Mini PCI Express Adapter, Broadcom® chipset														
Bluetooth™	None														
Modem	56K ⁶ V.90 (V.92-designed ¹⁵) modem / not customer accessible														
Ethernet	10/100 on systemboard / RealTek RTL8100CL / PCI 2.3 / PHY/MAC														
Audio support	High Definition (HD) Audio, RealTek ALC861VD controller / stereo speakers, 1.5 watt / mute button / mono microphone, microphone input jack (3.5 mm, stereo), headphone jack (3.5 mm, stereo)														
Security	Power-on password / hard disk password / supervisor password / security keyhole														
Fingerprint reader	None														
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ onsite ¹³ pickup and delivery / service upgrades ²² available										Universal 65-watt AC adapter Wireless on/off switch RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378				
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	Lenovo C200/N200 15W Battery 6-cell		40Y8322											
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	ThinkPad® and Lenovo 65W AC Adapter		40Y7696											
USB Portable Diskette Drive	05K9276	Lenovo 90W Slim AC/DC Combo Adapter		41N8460											
USB 2.0 Multimedia Headset	40Y8518	Lenovo Carrying Case - Messenger Max		41U5253											
USB 2.0 Lenovo Webcam	40Y8519	Lenovo Carrying Case - Top Loader		40Y8601											
USB 2.0 Essential Memory Key 2GB	41U4944	Lenovo Case - Performance Backpack		41U5254											
USB 2.0 Security Memory Key 4GB	41U5120	Lenovo M500 Projector		0037A05											
USB 2.0 Lenovo Enhanced Port Replicator	43R8770	ThinkVision® L171 17" LCD Monitor		9227AD1											
USB 2.0 Portable 120GB Hard Disk	41N8379	ThinkVision L171p 17" LCD Monitor		9417HC2											
USB 2.0 Super Multi-Burner Drive	41N5565	ThinkVision L190x 19" LCD Monitor		4439HB2											
120GB Disk 9.5mm SATA150 (5400 rpm)	41N5693	ThinkVision L193p 19" LCD Monitor		4431HB2											
Optical 3-Button Travel Wheel Mouse	31P7410	ThinkVision L194 Wide 19" LCD Monitor		4434HB6											
Lenovo Laser Mouse (USB, PS/2)	41U3074	ThinkVision L220x Wide 22" LCD Monitor		4433HB2											
Other accessories on O-C200 sheet		Others at http://lenovo.com/accessories													
					Lenovo CareSM 1-year LOR 9x5 NBD 41K0547										
					Lenovo Care 2-year LOR 9x5 NBD 41K0548										
					Lenovo Care 2-year P&L PU Depot 41K0545										
					Lenovo Care 3-year LOR 9x5 NBD 41K0549										
					Lenovo Care 3-year P&L PU Depot 41K0546										
					Lenovo Care maintenance services at http://lenovo.com/warranty										

See footnotes for important warranty information

US models announced January 30, May 1, June 12, or June 26, 2007

US models withdrawn effective Sept 2007, Oct 2007, Dec 2007, or April 2008

 © Lenovo
(TR11-1) April 2008

Partial list of accessories supported on:
• Lenovo 3000 C200
Memory

512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	ann 01/05/06
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	ann 01/05/06

Storage and removable storage

USB Portable Diskette Drive	05K9276	ann 06/05/00
USB 2.0 Essential Memory Key 1GB	41U4940	ann 01/23/07
USB 2.0 Essential Memory Key 2GB	41U4944	ann 01/23/07
USB 2.0 Security Memory Key 1GB	41U5118	ann 07/17/07
USB 2.0 Security Memory Key 2GB	41U5119	ann 07/17/07
USB 2.0 Security Memory Key 4GB	41U5120	ann 07/17/07
USB 2.0 CD-RW/DVD-ROM Combo II Drive	40Y8637	ann 01/05/06
USB 2.0 Portable 80GB Hard Disk	41N8378	ann 04/17/07
USB 2.0 Portable 120GB Hard Disk	41N8379	ann 04/17/07
USB 2.0 Super Multi-Burner Drive	41N5565	ann 01/23/07

120GB Disk 9.5mm SATA150 (5400 rpm)	41N5693	ann 03/20/07
-------------------------------------	---------	--------------

Expansion

USB 2.0 Lenovo Enhanced Port Replicator	43R8770	ann 02/26/08
ThinkPad Adjustable Notebook Stand	40Y7676	ann 09/20/05

External Keyboard

USB Numeric Keypad	33L3225	ann 05/01/00
Preferred Pro USB Keyboard	73P5220	ann 06/21/05
Enhanced Performance USB Keyboard	73P2620	ann 03/23/04
Enhanced Perf Wireless Keyboard and Mouse	73P4067	ann 12/07/04
USB Keyboard with UltraNav	31P8950	ann 01/28/03
USB Travel Keyboard with UltraNav	31P9490	ann 04/27/04

External Mouse

USB Optical Wheel Mouse	06P4069	ann 05/21/03
Optical 3-Button ScrollPoint® Mouse	31P7405	ann 08/27/02
Optical 3-Button Travel Wheel Mouse	31P7410	
Lenovo Laser Mouse (USB, PS/2)	41U3074	ann 01/23/07
Lenovo Bluetooth Laser Mouse	41U5008	ann 01/22/08

Data/Video Projectors

Lenovo M500 Projector	0037A05	ann 02/28/06
-----------------------	---------	--------------

Security

Kensington® Cable Lock from Lenovo	73P2582	ann 12/29/03
USB Gemplus GemPC Smart Card Reader	41N3040	ann 02/21/06
PC Card Gemplus Smart Card Reader	41N3004	ann 12/13/05

Multimedia

USB 2.0 Lenovo Multimedia Headset	40Y8518	ann 06/27/06
USB 2.0 Lenovo Webcam	40Y8519	ann 08/29/06

Power Accessories

Lenovo C200/N200 15W Li-Ion Battery 6-cell	40Y8322	ann 10/17/06
ThinkPad and Lenovo 65W AC Adapter	40Y7696	ann 09/20/05
ThinkPad and Lenovo 90W AC Adapter	40Y7659	ann 09/20/05
Lenovo 90W Slim AC/DC Combo Adapter	41N8460	ann 11/27/07
Belkin Surge Protector	31P7659	
Belkin 1 outlet Notebook Surge	31P7658	

Carrying Cases

Lenovo Carrying Case - Messenger	40Y8598	ann 02/23/06
Lenovo Carrying Case - Messenger Max	41U5253	ann 05/01/07
Lenovo Carrying Case - Top Loader	40Y8601	ann 02/23/06
Lenovo Carrying Case - Backpack	40Y8603	ann 02/23/06
Lenovo Carry Case - Performance Backpack	41U5254	ann 05/01/07

Monitors

Lenovo E75 17" CRT Monitor (16.0" vis) blk	6307BTN	ann 01/16/07
ThinkVision® L151 15" LCD Monitor	9165AC6	ann 10/23/07
ThinkVision L171 17" LCD Monitor	9227AD1	ann 10/23/07
ThinkVision L171p 17" LCD Monitor	9417HC2	ann 10/31/06
ThinkVision L190x 19" LCD Monitor	4439HB2	ann 10/23/07
ThinkVision L193p 19" LCD Monitor	4431HB2	ann 10/23/07
ThinkVision L194 Wide 19" LCD Monitor	4434HB6	ann 10/23/07
ThinkVision L220x Wide 22" LCD Monitor	4433HB2	ann 10/23/07

Monitor Accessories⁴⁶

ThinkVision USB Soundbar	40Y7616	ann 08/23/05
Kensington Cable Lock from Lenovo	73P2582	ann 12/29/03
ThinkPad Convertible Monitor Stand	40Y7620	ann 01/05/06
Radial Arm	19K4464	ann 05/05/00

⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.

Medialess License Key (MLK)

Microsoft® Office 2007 Basic, English	43R1528	ann 01/31/07
Microsoft Office 2007 Small Business, Engl	43R1534	ann 01/31/07
Microsoft Office 2007 Professional, English	43R1531	ann 01/31/07

Other accessories at <http://lenovo.com/accessories>

Accessories Guide pdf at <http://lenovo.com/accessoriesguide>

Need to buy accessories no longer marketed by Lenovo? See www.itxchange.com/lenovo for the Options Continuation Program.

Lenovo CareSM maintenance services
Warranty service upgrade:²²

1-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0547
2-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0548
2-year Parts and Labor (P&L) Pickup Depot	41K0545
3-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0549
3-year Parts and Labor (P&L) Pickup Depot	41K0546

Post-warranty maintenance services:⁵

1-year maintenance Parts and Labor Pickup Depot SBD	41K0550
1-year maintenance 9x5 Next Business Day response	41K0551
2-year maintenance Parts and Labor Pickup Depot SBD	41K0552
2-year maintenance 9x5 Next Business Day response	41K0553

[SBD=Second Business Day average response]

Lenovo Care maintenance services at <http://lenovo.com/warranty>

Lenovo™ 3000 N100 (0689) - withdrawn

Created by Lenovo Training Solutions
Personal Systems Reference (PSREF)

Type-model	Processor	Speed GHz	Memory	Widescreen display	Screen type	SATA disk GB ⁸	EIDE optical	Mini PCIe 802.11 wireless	Camera	Blue- tooth	Finger- print reader	Bat- tery cells	Pre- Load	Limited war- ranty ¹²	Avail date
0689-3GU Celeron® 420		1.60	512MB	14.1" WXGA	Glossy	80GB	Combo	Lenovo 11a/b/g ¹¹	None	Blue		6 XP Home	1-yr	Apr 06	
0689-36U Celeron 420		1.60	512MB	14.1" WXGA	Glossy	100G	Combo	Lenovo 11a/b/g	None	Blue		6 XP Pro	1-yr	Apr 06	
0689-3KU Celeron 420		1.60	512MB	14.1" WXGA	Glossy	100G	DVD±RW	Lenovo 11a/b/g	None	Blue	Finger	6 XP Home	1-yr	Apr 06	
0689-38U Core™ Duo T2300		1.66	512MB	14.1" WXGA	Anti-glare	80GB	Combo	* Intel 11a/b/g ¹¹	None	Blue		6 XP Pro	1-yr	Mar 06	
0689-28U Core Duo T2300		1.66	512MB	14.1" WXGA	Glossy	80GB	DVD±RW	* Intel 11a/b/g	None	Blue	Finger	6 XP Home	1-yr	Mar 06	
0689-29U Core Duo T2300		1.66	512MB	14.1" WXGA	Glossy	80GB	DVD±RW	* Intel 11a/b/g	None	Blue	Finger	6 XP Pro	1-yr	Mar 06	
0689-2BU Core Duo T2400		1.83	512MB	14.1" WXGA	Glossy	100G	DVD±RW	* Intel 11a/b/g	None	Blue	Finger	6 XP Pro	1-yr	Mar 06	
0689-6AU Core Duo T2300E		1.66	512MB	14.1" WXGA	Anti-glare	80GB	Combo	* Intel 11a/b/g	None	Blue		6 XP Pro	1-yr	May 06	
0689-6DU Core Duo T2300E		1.66	512MB	14.1" WXGA	Glossy	80GB	DVD±RW	* Intel 11a/b/g	None	Blue	Finger	6 XP Home	1-yr	May 06	
0689-6EU Core Duo T2500E		1.66	512MB	14.1" WXGA	Glossy	80GB	DVD±RW	* Intel 11a/b/g	None	Blue	Finger	6 XP Pro	1-yr	May 06	
0689-6GU Core Duo T2500		2.00	1GB	14.1" WXGA	Glossy	100G	DVD±RW	* Intel 11a/b/g	None	Blue	Finger	6 XP Pro	1-yr	May 06	

These Lenovo 3000 N100 models use a 14.1" widescreen display

Positioning Processor	<i>Stylish widescreen notebooks combining popular features at a great price; two-spindle Intel® Celeron M Processor 420 with Execute Disable Bit, 533MHz system bus, and 1MB L2 cache or Intel Core Duo processor T2300, T2300E, T2400, or T2500 with dual-core, Enhanced Intel SpeedStep™ technology¹, Execute Disable Bit, and 667MHz system bus / 2MB L2 cache (shared)</i>										SOFTWARE¹⁴				
Memory	512MB or 1GB std / 2GB max ⁷ / PC2-5300 667MHz DDR2 / non-parity / CL5 / dual-channel capable / two 200-pin SO-DIMM sockets / std mem in 1 socket / 1 socket avail										Windows XP Professional models				
Diskette drive	None standard / use optional USB-based diskette drive										- Microsoft® Windows® XP Professional ²⁰ (Service Pack 2)				
EIDE Combo	<i>Some:</i> DVD-ROM/CD-RW / 24X/24X/8X ²¹ speed / fixed, not removable / 12.7mm										✦ Disk-to-Disk Recovery (in hidden protected area)				
EIDE DVD±RW	<i>Some:</i> DVD and CD burner / dual-layer support / fixed, not removable / 12.7mm high										Windows XP Home models				
Serial ATA disk	80GB⁸ or 100GB (5400 rpm) / SATA150 / 9.5mm high / removable and upgradable										✦ Disk-to-Disk Recovery (in hidden protected area)				
Widescreen display	<i>Some:</i> 14.1" (358.1mm) WXGA (1280x800) TFT color / anti-glare / 185 nits <i>Some:</i> 14.1" (358.1mm) WXGA (1280x800) TFT color / glossy / VibrantView / 185nits										Preloaded (all)				
Graphics	Intel Graphics Media Accelerator 950 (GMA 950) / integrated in 945GM / 250MHz										• Lenovo Care SM Tools				
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / Lenovo Care SM button										– Rescue and Recovery™				
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)										– System Update				
Dimensions ³	<i>6-cell (WxDxH):</i> 13.3"x 10.1"x 1.2" to 1.5"; 338.7mm x 257.4mm x 30.3 to 37.7mm <i>9-cell (WxDxH):</i> 13.3"x 10.9"x 1.2" to 1.5"; 338.7mm x 277.3mm x 30.3 to 37.7mm										– Password Manager				
Weight ²	with optical drive and battery: 5.45 lb (2.47 kg)										– Access Connections™				
Case	<i>Color:</i> silver top; silver bottom; <i>Material:</i> ABS plastic										• Norton Internet Security 2005				
Battery - type	Lithium Ion 6-cell										AntiSpyware Edition (90 days of virus definitions)				
Battery - life ¹⁰	<i>6-cell:</i> up to 3.0 hr; <i>optional 9-cell:</i> up to 5.0 hr										• Softex OmniPass				
Architecture	Mobile Intel 945GM Express Chipset / 82945GM Graphics Memory Controller Hub / 82801GHM ICH7-M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC interface, [Bluetooth], [fingerprint]) / PCI bus (ENE® CB1410 CardBus controller, Ricoh® R5C832 1394) / LPC bus (ENE KB910L Super I/O)										• PC-Doctor™ (diagnostics)				
PC Card Std slot	One Type I or Type II slot / CardBus 32-bit / integrated door										• Adobe® Reader				
Ports	4-in-1 Multicard Reader (MultiMedia Card, Memory Stick, Secure Digital, xD Picture Card) / S-video out port (TV out) / IEEE 1394 (FireWire) / four USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)										• Google Toolbar				
Video out	S-video out port (TV out) / one 4-pin industry standard connector										• Google Desktop				
IEEE 1394	IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard										• Picasa from Google				
Integrated camera	None										• Diskkeeper™ Lite				
Mini PCI Express	One Mini PCI Express slot / not customer upgradeable										• Corel® Small Business Center™				
Intel 11a/b/g ¹¹	<i>Some:</i> 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG										with WordPerfect® Office 12				
Lenovo 11a/b/g ¹¹	<i>Some:</i> 11a/b/g wireless ⁴ , Lenovo 11a/b/g Mini PCI Express Adptr, Broadcom® chipset										• AOL and EarthLink (XP Home models only)				
Bluetooth™	Bluetooth 2.0 wireless / USB 2.0 interface via ICH7-M / LED indicator										• Roxio Digital Media LE (combo, DVD±RW)				
Modem	56K ⁵ V.90 (V.92-designed ¹⁵) modem / Agere® chipset / not customer accessible										• InterVideo WinDVD (combo, DVD±RW)				
Ethernet	10/100 on systemboard / RealTek® RTL8100CL / PCI 2.3										• InterVideo WinDVD Creator (DVD±RW)				
Audio support	Intel High Definition (HD) audio / ADI 1986A codec / stereo speakers / 1 watt / volume up, down, mute buttons / mono microphone / microphone input jack (3.5 mm) / headphone jack (3.5 mm)										License - CD not included (all)				
Security	Power-on password / hard disk password / supervisor password / security keyhole										- Lotus® SmartSuite® Millennium and Lotus Notes® Stand-alone Client				
Fingerprint reader	<i>Some:</i> Fingerprint reader on palm rest / swipe sensor / no pre-boot support										(Notes client not supported on XP Home)				
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ onsite ¹³ pickup and delivery / service upgrades ²² available										65-watt AC adapter				
256MB PC2-5300 DDR2 CL5 SODIMM	40Y7732	Lenovo N100 Series Li-Ion Battery 6-cell								40Y8315	Wireless on/off switch				
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	Lenovo N100 Series Li-Ion Battery 9-cell								40Y8317	Windows Vista™ capable				
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	ThinkPad and Lenovo 65W AC Adapter								40Y7696	RoHS-compliant				
60GB Disk SATA150 9.5mm (5400 rpm)	41N3025	ThinkPad 90W AC/DC Combo Adapter								40Y7630	ENERGY STAR®-compliant				
100GB Disk SATA150 9.5mm (5400 rpm)	41N3026	Belkin Surge Protector								31P7659	International Warranty Service ¹⁷				
USB Portable Diskette Drive	05K9276	Lenovo Carrying Case - Messenger								40Y8598	24 hour x 7 day ¹⁸ toll-free warranty support during the warranty ¹²				
USB 2.0 Memory Key 1GB	40Y7421	Lenovo Carrying Case - Top Loader								40Y8601	Lenovo Care SM 1-year LOR 9x5 NBD				
USB 2.0 Port Replicator with Video	40Y8132	Lenovo Carrying Case - Backpack								40Y8603	41K0547				
USB 2.0 Portable 80GB Hard Disk	40Y8726	Lenovo L171 17" Monitor (black)								9227AC1	Lenovo Care 2-year LOR 9x5 NBD				
USB 2.0 Super Multi-Burner Drive	40Y8638	Lenovo L191 19" Monitor (black)								6135AB1	41K0548				
USB Travel Keyboard with UltraNav	31P9490	Lenovo L192 Wide 19" Monitor (black)								6920AB1	Lenovo Care 2-year P&L PU Depot				
Enhanced Performance USB Keyboard	73P2620	ThinkVision® L192p 19" Monitor (black)								9419HC2	41K0545				
Kensington® MicroSaver® Security Cable	73P2582	ThinkVision L201p 20.1" Monitor (black)								9220HB1	Lenovo Care 3-year LOR 9x5 NBD				
SonyEricsson® GC83 EDGE PC Card	26K3393	Lenovo M500 Projector								0037A05	41K0549				
Verizon Wireless V620 WWAN PC Card ²⁵	40Y9137	Other options at http://lenovo.com/options									Lenovo Care 3-year P&L PU Depot				
											41K0546				

See footnotes for important warranty information
US models announced March 21, April 19, or May 30, 2006
US models withdrawn effective December 2006

* Powered by Intel Centrino Duo® mobile technology

© Lenovo
(AL1-1) December 2006

Lenovo™ 3000 N100 (0689) - September 2006 - withdrawn

Created by Lenovo Training Solutions
Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Memory	Widescreen display	Screen type	SATA disk ⁸	EIDE optical	Mini PCIe 802.11 wireless	Camera	Finger-Blue-tooth	Bat-print reader	tery cells	Pre-Load	Limited war-anty ¹²	Avail date
0689-A4U Core™ 2 Duo T5500	1.66	512MB	14.1"	WXGA	Anti-glare	80GB	Combo	*Intel 11a/b/g ¹¹		Blue		6 XP Pro		1-yr	Sep 06
0689-A5U Core 2 Duo T5500	1.66	1GB	14.1"	WXGA	Glossy	100GB	DVD±RW	*Intel 11a/b/g		Blue	Finger 6	XP Home		1-yr	Sep 06
0689-A6U Core 2 Duo T5500	1.66	1GB	14.1"	WXGA	Glossy	80GB	DVD±RW	*Intel 11a/b/g		Blue	Finger 6	XP Pro		1-yr	Sep 06
0689-A7U Core 2 Duo T7200	2.00	1GB	14.1"	WXGA	Glossy	100GB	DVD±RW	Lenovo 11n ²⁸	Cam	Blue	Finger 6	XP Pro		1-yr	Nov 06

These Lenovo 3000 N100 models use a 14.1" widescreen display

Positioning Processor	Widescreen flexibility; two spindles Intel® Core 2 Duo processor T5500 or T7200 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep™ technology ¹ , Execute Disable Bit, and 667MHz system bus; T5500: 2MB shared L2 cache; T7200: 4MB shared L2 cache									SOFTWARE¹⁴ Windows XP Professional models - Microsoft® Windows® XP Professional ²⁰ (Service Pack 2) ✧ Disk-to-Disk Recovery (in hidden protected area) Windows XP Home models - Microsoft Windows XP Home Edition ²⁰ (Service Pack 2) ✧ Disk-to-Disk Recovery (in hidden protected area) Preloaded (all) • Lenovo CareSM Tools - Rescue and Recovery™ - System Update - Password Manager - Access Connections™ • Norton Internet Security 2005 AntiSpyware Edition (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor™ (diagnostics) • Adobe® Reader • Google Toolbar • Google Desktop • Picasa from Google • Diskeeper™ Lite • Core!® Small Business Center™ with WordPerfect® Office 12 • AOL and EarthLink (XP Home models only) • Roxio Digital Media LE (combo, DVD±RW) • InterVideo WinDVD (combo, DVD±RW) • InterVideo WinDVD Creator (DVD±RW) License - CD not included (all) - Lotus® SmartSuite® Millennium and Lotus Notes® Stand-alone Client (Notes client not supported on XP Home)					
Memory	512MB or 1GB std / 2GB max ⁷ / PC2-5300 667MHz DDR2 / non-parity / CL5 / dual-channel capable / two 200-pin SO-DIMM sockets / 512MB and A7U models: standard memory in 1 socket / 1 socket available A5U/A6U 1GB models: standard memory in 2 sockets (512MB each) / no socket available														
Diskette drive	None standard / use optional USB-based diskette drive														
EIDE Combo	<i>Some:</i> DVD-ROM/CD-RW / 24X/24X/24X/8X ²¹ speed / fixed, not removable / 12.7mm														
EIDE DVD±RW	<i>Some:</i> DVD and CD burner / dual-layer support / fixed, not removable / 12.7mm high														
Serial ATA disk	80GB⁸ or 100GB (5400 rpm) / SATA150 / 9.5mm high / removable and upgradable														
Widescreen display	<i>Some:</i> 14.1" (358.1mm) WXGA (1280x800) TFT color / anti-glare / 185 nits <i>Some:</i> 14.1" (358.1mm) WXGA (1280x800) TFT color / glossy / VibrantView / 185nits														
Graphics	Intel Graphics Media Accelerator 950 (GMA 950) / integrated in 945GM / 250MHz														
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / Lenovo CareSM button														
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)														
Dimensions ³	6-cell (WxDxH): 13.3"x 10.1"x 1.2" to 1.5"; 338.7mm x 257.4mm x 30.3 to 37.7mm; 9-cell (WxDxH): 13.3"x 10.9"x 1.2" to 1.5"; 338.7mm x 277.3mm x 30.3 to 37.7mm with optical drive and battery: 5.59 lb (2.53 kg) Color: silver top; silver bottom; Material: ABS plastic														
Weight ²	<i>Color:</i> silver top; silver bottom; <i>Material:</i> ABS plastic														
Case	Lithium Ion 6-cell														
Battery - type	6-cell: up to 3.2 hr; <i>optional 9-cell:</i> up to 4.4 hr														
Battery - life ¹⁰															
Architecture	Mobile Intel 945GM Express Chipset / 82945GM Graphics Memory Controller Hub / 82801GDM ICH7-M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC interface, [Bluetooth], [fingerprint]) / PCI bus (ENE® CB1410 CardBus controller, Ricoh® R5C832 1394) / LPC bus (ENE KB910L Super I/O)														
PC Card Std slot	One Type I or Type II slot, CardBus 32-bit														
Ports	4-in-1 Multicard Reader (MultiMedia Card, Memory Stick, Secure Digital, xD-Picture Card™) / S-video out port (TV out) / IEEE 1394 (FireWire) / four USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)														
Video out	S-video out port (TV out) / one 7-pin industry standard connector														
IEEE 1394	IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard														
Integrated camera	<i>Some:</i> camera on top of screen / 1.3-megapixel / fixed focus / internal USB 2.0														
Mini PCI Express	One Mini PCI Express slot / not customer upgradable														
Intel 11a/b/g ¹¹	<i>Some:</i> 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG														
Lenovo 11n ²⁸	<i>Some:</i> 11a/b/g/n wireless ⁴ , Lenovo 11a/b/g/n Mini PCI Express Adapter, Broadcom® BCM4321 chipset, MIMO 2x2														
Bluetooth™	Bluetooth 2.0 wireless / USB 2.0 interface via ICH7-M / LED indicator														
Modem	56K® V.90 (V.92-designed ¹⁵) modem / Agere® chipset / not customer accessible														
Ethernet	10/100 on systemboard / RealTek® RTL8100CL / PCI 2.3														
Audio support	Intel High Definition (HD) audio / ADI 1986A codec / stereo speakers / 1 watt / volume up, down, mute buttons / mono microphone / microphone input jack (3.5 mm) / headphone jack (3.5 mm)														
Security	Power-on password / hard disk password / supervisor password / security keyhole														
Fingerprint reader	<i>Some:</i> Fingerprint reader on palm rest / swipe sensor / no pre-boot support														
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ onsite ¹³ pickup and delivery / service upgrades ²² available														
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	Lenovo N100 Series Li-Ion Battery 6-cell			40Y8315	65-watt AC adapter									
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	Lenovo N100 Series Li-Ion Battery 9-cell			40Y8317	Wireless on/off switch									
USB Portable Diskette Drive	05K9276	ThinkPad and Lenovo 65W AC Adapter			40Y7696	RoHS-compliant									
USB 2.0 Lenovo Multimedia Headset	40Y8518	ThinkPad 90W AC/DC Combo Adapter			40Y7630	International Warranty Service ¹⁷									
USB 2.0 Lenovo Webcam	40Y8519	Belkin Surge Protector			31P7659	24 hour x 7 day ¹⁸ toll-free warranty support during the warranty ¹²									
USB 2.0 Essential Memory Key 2GB	41U4944	Lenovo Carrying Case - Messenger Max			41U5253	Lenovo CareSM 1-year LOR 9x5 NBD									
USB 2.0 Port Replicator with Video	40Y8132	Lenovo Carrying Case - Top Loader			40Y8601	41K0547									
USB 2.0 Portable 120GB Hard Disk	41N8379	Lenovo Case - Performance Backpack			41U5254	Lenovo Care 2-year LOR 9x5 NBD									
USB 2.0 Super Multi-Burner Drive	41N5565	Lenovo L171 17" Monitor (black)			9227AC1	41K0548									
120GB Disk 9.5mm SATA150 (5400 rpm)	41N5693	Lenovo L191 19" Monitor (black)			6135AB1	Lenovo Care 2-year P&L PU Depot									
USB Travel Keyboard with UltraNav	31P9490	Lenovo L192 Wide 19" Monitor (black)			6920AB1	41K0545									
Enhanced Performance USB Keyboard	73P2620	ThinkVision® L192p 19" Monitor (black)			9419HC2	Lenovo Care 3-year LOR 9x5 NBD									
Kensington® MicroSaver® Security Cable	73P2582	ThinkVision L201p 20.1" Monitor (black)			9220HB1	41K0549									
SonyEricsson® GC83 EDGE PC Card	26K3393	Lenovo M500 Projector			0037A05	Lenovo Care 3-year P&L PU Depot									
Other accessories on O-3 sheet		Others at http://lenovo.com/accessories				41K0546									

See footnotes for important warranty information

* Powered by Intel Centrino® Duo mobile technology

© Lenovo

US models announced September 19 or October 31, 2006

(AL11-1) September 2007

US models withdrawn effective September 2007

Type-model	Processor	GHz	Memory	Widescreen display	Screen type	SATA disk ⁸	EIDE optical	Mini PCIe 802.11 wireless	Blue-tooth	Finger-print reader	Vista preload	Vista logo	Limited warranty ¹²	Avail date
0689-E2U	Pentium® T2060	1.60	512MB	14.1"	WXGA Glossy	80GB	Combo	Lenovo 11b/g ¹¹	Blue	Finger	Business Basic		1-yr	Jan 07
0689-E4U	Pentium T2060	1.60	1GB	14.1"	WXGA Glossy	80GB	DVD±RW	Lenovo 11b/g	Blue	Finger	Business Premium		1-yr	Jan 07
0689-01U	Pentium T2080	1.70	512MB	14.1"	WXGA Glossy	80GB	DVD±RW	Lenovo 11b/g	Blue	Finger	Business Basic		1-yr	Apr 07
0689-E5U	Core 2 Duo T7200	2.00	1GB	14.1"	WXGA Glossy	120GB	DVD±RW	Lenovo 11n ²⁸	Blue	Finger	Business Premium		1-yr	Jan 07

These Lenovo 3000 N100 models use a 14.1" widescreen display

Positioning Processor	Widescreen flexibility; two spindles Intel® Pentium Processor T2060 or T2080 with dual-core , Enhanced Intel SpeedStep® technology¹, Execute Disable Bit, 533MHz system bus, and 1MB L2 cache (shared) or Intel Core 2 Duo processor T7200 with dual-core , Intel 64 Technology, Enhanced Intel SpeedStep technology², Execute Disable Bit, 667MHz system bus, and 4MB shared L2 cache [Virtualization Technology not supported]			Preloaded operating system ²⁰ • Microsoft Windows® Vista™ Business Edition (32-bit) Preloaded applications ¹⁴ • Lenovo Care SM Tools – Rescue and Recovery™ – System Update – Password Manager – Access Connections™ • Norton Internet Security (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor™ (diagnostics) • Adobe® Reader • Picasa from Google • Diskeeper® Home • Corel® Small Business Center™ with WordPerfect® Office 12 • QuickBooks Financial Center		
Memory	512MB or 1GB std / 2GB max⁷ / PC2-5300 667MHz DDR2 / non-parity / CL5 / dual-channel capable / two 200-pin SO-DIMM sockets; <i>E2U/01U:</i> standard memory in 1 socket / 1 socket available <i>Some:</i> (italics) standard memory in 2 sockets (512MB each) / no socket available					
Diskette drive	None standard / use optional USB-based diskette drive					
EIDE Combo	<i>Some:</i> DVD-ROM/CD-RW / 24X/24X/24X/8X ²¹ speed / fixed, not removable / 12.7mm					
EIDE DVD±RW	<i>Some:</i> DVD and CD burner / dual-layer support / fixed, not removable / 12.7mm high					
Serial ATA disk	80GB⁸ or 120GB (5400 rpm) / SATA150 / 9.5mm high / removable and upgradable					
Widescreen display	14.1" (358.1mm) WXGA (1280x800) TFT color / glossy / VibrantView / 185nits					
Graphics	Intel Graphics Media Accelerator 950 (GMA 950) / integrated in 945GM / 250MHz					
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / Lenovo Care SM button					
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)					
Dimensions³	(WxDxH): 13.3" x 10.1" x 1.2" to 1.5"; 338.7mm x 257.4mm x 30.3 to 37.7mm					
Weight²	with optical drive and battery: 5.59 lb (2.53 kg)					
Case	<i>Color:</i> silver top; silver bottom; <i>Material:</i> ABS plastic					
Battery - type	Lithium Ion 6-cell					
Battery - life¹⁰	<i>6-cell:</i> Up to 3.6 hr; <i>optional 9-cell:</i> up to 5.6 hr					
Chipset	Mobile Intel 945GM Express Chipset / 82945GM Graphics Memory Controller Hub / 82801GHM ICH7-M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC bus, [Bluetooth], [fingerprint]) / PCI bus (ENE® CB1410 CardBus controller, Ricoh® R5C832 1394) / LPC bus (ENE KB910L Super I/O)					
PC Card Std slot	One Type I or Type II slot, CardBus 32-bit					
Ports	4-in-1 Multicard Reader (MultiMedia Card, Memory Stick®, Secure Digital, xD-Picture Card™) / S-video out port (TV out) / IEEE 1394 (FireWire) / four USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)					
Video out	S-video out port (TV out) / one 7-pin industry standard connector					
IEEE 1394	IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard					
Integrated camera	None					
Mini PCI Express	One Mini PCI Express slot / not customer upgradable					
Lenovo 11b/g¹¹	<i>Some:</i> 11b/g wireless⁴, Lenovo 11b/g Mini PCI Express Adapter, Broadcom® chipset					
Lenovo 11n²⁸	<i>Some:</i> 11a/b/g/n wireless⁴, Lenovo 11a/b/g/n Mini PCI Express Adapter, Broadcom® BCM4321 chipset, MIMO 2x2					
Bluetooth™	Bluetooth 2.0 wireless / USB 2.0 interface via ICH7-M / LED indicator					
Modem	56K⁶ V.90 (V.92-designed¹⁵) modem / Agere® chipset / not customer accessible					
Ethernet	10/100 on systemboard / RealTek® RTL8100CL / PCI 2.3					
Audio support	Intel High Definition (HD) audio, RealTek codec / stereo speakers, 1 watt / volume up, down, mute buttons / mono microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)					
Security	Power-on password / hard disk password / supervisor password / security keyhole					
Fingerprint reader	Fingerprint reader on palm rest / swipe sensor / no pre-boot support					
Limited warranty¹²	1-year - EasyServ™¹⁹ onsite¹³ pickup and delivery / service upgrades²² available					
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	Lenovo N100 Series Li-Ion Battery 6-cell	40Y8315			
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	Lenovo N100 Series Li-Ion Battery 9-cell	40Y8317			
USB Portable Diskette Drive	05K9276	ThinkPad and Lenovo 65W AC Adapter	40Y7696			
USB 2.0 Lenovo Multimedia Headset	40Y8518	Lenovo 90W Slim AC/DC Combo Adapter	41N8460			
USB 2.0 Lenovo Webcam	40Y8519	Belkin Surge Protector	31P7659			
USB 2.0 Essential Memory Key 2GB	41U4944	Lenovo Carrying Case - Messenger Max	41U5253			
USB 2.0 Port Replicator with Video	40Y8132	Lenovo Carrying Case - Top Loader	40Y8601			
USB 2.0 Super Multi-Burner Drive	41N5565	Lenovo Case - Performance Backpack	41U5254			
120GB Disk 9.5mm SATA150 (5400 rpm)	41N5693	ThinkVision® L190x 19" LCD Monitor	4439HB2			
USB Travel Keyboard with UltraNav	31P9490	ThinkVision L193p 19" LCD Monitor	4431HB2			
Lenovo Laser Mouse (USB, PS/2)	41U3074	ThinkVision L194 Wide 19" LCD Monitor	4434HB6			
Kensington® MicroSaver® Security Cable	73P2582	ThinkVision L220x Wide 22" LCD Monitor	4433HB2			
SonyEricsson® GC83 EDGE PC Card	26K3393	Lenovo M500 Projector	0037A05			
Other accessories on O-3 sheet		Others at http://lenovo.com/accessories				
65-watt AC adapter Wireless on/off switch RoHS-compliant International Warranty Service¹⁷ 24 hour x 7 day¹⁸ toll-free support during the warranty period¹² via 800-426-7378						
Lenovo Care SM 1-year LOR 9x5 NBD 41K0547						
Lenovo Care 2-year LOR 9x5 NBD 41K0548						
Lenovo Care 2-year P&L PU Depot 41K0545						
Lenovo Care 3-year LOR 9x5 NBD 41K0549						
Lenovo Care 3-year P&L PU Depot 41K0546						

See footnotes for important warranty information

US models announced January 30 or April 16, 2007

US models withdrawn effective December 2007 or April 2008

© Lenovo
(AL13-1) April 2008

Type-model	Processor	Speed GHz	Memory	Widescreen display	Screen type	Graphics controller	SATA disk GB ⁸	EIDE optical	Mini PCIe 802.11 wireless	Finger- print Camera reader	Chip- set	Pre- Load	Avail date
0768-4JU	Core™ Duo T2300	1.66	512MB	15.4" WXGA	Anti-glare	950	80GB DVD±RW	*Intel 11a/b/g ¹¹	None	Finger	GM XP Home	Mar 06	
0768-35U	Core Duo T2300	1.66	512MB	15.4" WXGA	Anti-glare	950	80GB Combo	*Intel 11a/b/g	None	Finger	GM XP Pro	Mar 06	
0768-36U	Core Duo T2300	1.66	512MB	15.4" WXGA	Anti-glare	950	80GB DVD±RW	*Intel 11a/b/g	None	Finger	GM XP Pro	Mar 06	
0768-25U	Core Duo T2300	1.66	512MB	15.4" WSXGA+Glossy	Anti-glare	950	80GB DVD±RW	*Intel 11a/b/g	None	Finger	GM XP Home	Mar 06	
0768-22U	Core Duo T2300	1.66	512MB	15.4" WSXGA+Glossy	Anti-glare	64MB	100G DVD±RW	*Intel 11a/b/g	None	Finger	PM XP Pro	Mar 06	
0768-2CU	Core Duo T2400	1.83	512MB	15.4" WSXGA+Glossy	Anti-glare	128MB	100G DVD±RW	*Intel 11a/b/g	None	Finger	PM XP Pro	Mar 06	
0768-34U	Celeron® M 420	1.60	512MB	15.4" WXGA	Anti-glare	950	80GB Combo	Intel 11a/b/g	None	Finger	GM XP Home	Apr 06	
0768-35U	Celeron M 420	1.60	512MB	15.4" WXGA	Anti-glare	950	80GB Combo	Lenovo 11a/b/g ¹¹	None	Finger	GM XP Home	Apr 06	
0768-33U	Celeron M 420	1.60	512MB	15.4" WXGA	Anti-glare	950	100G DVD±RW	Lenovo 11a/b/g	None	Finger	GM XP Home	Apr 06	
0768-3FU	Celeron M 420	1.60	512MB	15.4" WXGA	Anti-glare	950	100G Combo	Lenovo 11a/b/g	None	Finger	GM XP Pro	Apr 06	
0768-6EU	Core Duo T2300E	1.66	512MB	15.4" WXGA	Anti-glare	950	80GB DVD±RW	*Intel 11a/b/g	None	Finger	GM XP Home	May 06	
0768-6FU	Core Duo T2300E	1.66	512MB	15.4" WXGA	Anti-glare	950	80GB Combo	*Intel 11a/b/g	None	Finger	GM XP Pro	May 06	
0768-6HU	Core Duo T2300E	1.66	512MB	15.4" WXGA	Anti-glare	950	80GB DVD±RW	*Intel 11a/b/g	None	Finger	GM XP Pro	May 06	
0768-6NU	Core Duo T2500	2.0	512MB	15.4" WSXGA+Glossy	Anti-glare	128MB	100G DVD±RW	*Intel 11a/b/g	None	Finger	PM XP Home	May 06	
0768-7YU	Core Duo T2500	2.0	1GB	15.4" WSXGA+Glossy	Anti-glare	128MB	100G DVD±RW	*Intel 11a/b/g	None	Finger	PM XP Pro	Jun 06	

These Lenovo 3000 N100 models use a 15.4" widescreen display

Positioning Processor	Widescreen flexibility; two spindles Intel® Celeron M Processor 420 with Execute Disable Bit, 533MHz system bus, and 1MB L2 cache or Intel Core Duo processor T2300, T2300E, T2400, T2500 with dual-core, Enhanced Intel SpeedStep™ technology ¹ , Execute Disable Bit, and 667MHz system bus, and / 2MB shared L2 cache									SOFTWARE¹⁴ Windows XP Professional models - Microsoft® Windows® XP Professional ²⁰ (Service Pack 2) ⇨ Disk-to-Disk Recovery (in hidden protected area) Windows XP Home models - Microsoft Windows XP Home Edition ²⁰ (Service Pack 2) ⇨ Disk-to-Disk Recovery (in hidden protected area) Preloaded (all) • Lenovo Care™ Tools - Rescue and Recovery™ - System Update - Password Manager - Access Connections™ • Norton Internet Security 2005 AntiSpyware Edition (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor™ (diagnostics) • Adobe® Reader • Google Toolbar • Google Desktop • Picasa from Google • Diskkeeper® Lite • Corel® Small Business Center™ with WordPerfect® Office 12 • AOL and EarthLink (XP Home models only) • Roxio Digital Media LE (combo, DVD±RW) • InterVideo WinDVD (combo, DVD±RW) • InterVideo WinDVD Creator (DVD±RW) License - CD not included (all) - Lotus® SmartSuite® Millennium and Lotus Notes® Stand-alone Client (Notes client not supported on XP Home)			
Memory	512MB or 1GB std / 2GB max ⁷ / PC2-5300 667MHz DDR2 / non-parity / CL5 / dual-channel capable / two 200-pin SO-DIMM sockets / std mem in 1 socket / 1 socket avail												
Diskette drive	None standard / use optional USB-based diskette drive												
EIDE Combo	Some: DVD-ROM/CD-RW / 24X/24X/24X/8X ²¹ speed / fixed, not removable / 12.7mm												
EIDE DVD±RW	Some: DVD and CD burner / dual-layer support / fixed, not removable / 12.7mm high												
SATA disk	80GB⁸ or 100GB (5400 rpm) / SATA150 / 9.5mm high / removable and upgradable												
Widescreen display	Some: 15.4" (391.1mm) WXGA (1280x800) TFT color / anti-glare / 185 nits Some: 15.4" (391.1mm) WSXGA+ (1680x1050) TFT color / glossy / VibrantView / 185 nits												
Graphics	Some: Intel Graphics Media Accelerator 950 / integrated in 945GM / 250MHz Some: NVIDIA® GeForce® Go 7300-64 / CineFX® 4.0 chip / PCI Express x16 / 64MB Some: NVIDIA GeForce Go 7300-128 / CineFX 4.0 chip / PCI Express x16 / 128MB												
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / Lenovo Care™ button												
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)												
Dimensions ³	6-cell (WxDxH): 14.2"x 10.5"x 1.2" to 1.5"; 360.1mm x 266.7mm x 31.4 to 38.6mm 9-cell (WxDxH): 14.2"x 11.3"x 1.2" to 1.5"; 360.1mm x 286.6mm x 31.4 to 38.6mm												
Weight ²	With optical drive and battery: 6.17 lb (2.80kg) to 6.57 lb (2.98kg)												
Case	Color: silver top; silver bottom; Material: ABS plastic												
Battery - type	Lithium Ion 6-cell / smart battery												
Battery - life ¹⁰	6-cell: up to 3.5 hr; optional 9 cell: up to 4.9 hr												
Architecture	Some: Mobile Intel 945GM Express Chipset / 82945GM Graphics Memory Cont Hub Some: Mobile Intel 945PM Express Chipset / 82945PM Memory Controller Hub All: 82801GHM ICH7-M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC interface, [Bluetooth], [fingerprint]) / PCI bus (ENE® CB1410 CardBus controller, Ricoh® R5C832 1394) / LPC bus (ENE KB910L Super I/O)												
PC Card Std slot	One Type I or Type II slot, CardBus 32-bit												
Ports	4-in-1 Multicard Reader (MultiMedia Card, Memory Stick, Secure Digital, xD-Picture Card™) / S-video out port (TV out) / IEEE 1394 (FireWire) / four USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)												
Video out	S-video out port (TV out) / one 7-pin industry standard connector												
IEEE 1394	IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard												
Integrated camera	None												
Mini PCI Express	One Mini PCI Express slot / not customer upgradable												
Intel 11a/b/g ¹¹	Some: 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG												
Lenovo 11a/b/g ¹¹	Some: 11a/b/g wireless ⁴ , Lenovo 11a/b/g Mini PCI Express Adptr, Broadcom® chipset												
Bluetooth™	Bluetooth 2.0 wireless / USB 2.0 interface via ICH7-M / LED indicator												
Modem	56K ⁶ V.90 (V.92-designed ¹⁵) modem / Agere® chipset / not customer accessible												
Ethernet	10/100 on systemboard / RealTek® RTL8100CL / PCI 2.3												
Audio support	Intel High Definition (HD) Audio / ADI 1986A codec / stereo speakers / 1 watt / volume, up, down, mute button / mono microphone / microphone input jack (3.5 mm) / headphone jack (3.5 mm)												
Security	Power-on password / hard disk password / supervisor password / security keyhole												
Fingerprint reader	Some: Fingerprint reader on palm rest / swipe sensor / no preboot support												
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ onsite ¹³ pickup and delivery / service upgrades ²² available												
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733			Lenovo N100 Series Li-Ion Battery 6-cell			40Y8315						
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734			Lenovo N100 Series Li-Ion Battery 9-cell			40Y8317						
USB 2.0 Essential Memory Key 2GB	41U4944			ThinkPad 90W AC/DC Combo Adapter			40Y7630						
USB 2.0 Port Replicator with Video	40Y8132			Lenovo D221 Wide 22" Monitor (black)			6622HB1						
USB 2.0 Super Multi-Burner Drive	41N5565			Others at http://lenovo.com/accessories									

See footnotes for important warranty information * Powered by Intel Centrino® Duo mobile technology
 US models announced March 21, April 19, May 30, or June 13, 2006
 US models withdrawn effective December 2006 or October 2007

© Lenovo
 (SN1-1) October 2007

Lenovo™ 3000 N100 (0768) - September 2006 - withdrawn

Created by Lenovo Training Solutions
Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Memory	Widescreen display	Screen type	Graphics controller	SATA disk	EIDE optical	Mini PCIe 802.11 wireless	Camera	Blue-tooth	Finger-print reader	Chip-set	Pre-load	Avail date
0768-ACU	Celeron® M 420	1.60	512MB	15.4" WXGA	Glossy	GMA	40GB ^a	Combo	Lenovo 11b/g ¹¹				GM	Home	Oct 06
0768-ADU	Celeron M 420	1.60	512MB	15.4" WXGA	Glossy	GMA	80GB	Combo	Lenovo 11b/g	Blue			GM	Pro	Oct 06
0768-EKU	Pentium® T2060	1.60	1GB	15.4" WXGA	Glossy	GMA	80GB	DVD±RW	Lenovo 11b/g	Blue			GM	Pro	Jan 07
0768-EFU	Core Duo T2350	1.83	1GB	15.4" WXGA	Glossy	GMA	120G	DVD±RW	*Intel 11a/b/g	Blue			GM	Pro	Jan 07
0768-AFU	Core 2 Duo T5500	1.66	1GB	15.4" WXGA	Glossy	GMA	80GB	DVD±RW	*Intel 11a/b/g ¹¹	Blue			GM	Pro	Sep 06
0768-DCU	Core 2 Duo T5500	1.66	1GB	15.4" WXGA	Glossy	GMA	80GB	DVD±RW	*Intel 11a/b/g	Cam	Blue	Fing	GM	Home	Sep 06
0768-A2U	Core 2 Duo T7200	2.00	1GB	15.4" WSXGA+	Glossy	128MB	120G	DVD±RW	Lenovo 11n ²⁸	Cam	Blue	Fing	PM	Home	Nov 06
0768-AJU	Core 2 Duo T7200	2.00	2GB	15.4" WSXGA+	Glossy	128MB	120G	DVD±RW	Lenovo 11n	Cam	Blue	Fing	PM	Pro	Nov 06
These Lenovo 3000 N100 models use a 15.4" widescreen display															
Positioning Processor	Widescreen flexibility; two spindles Intel® Celeron M Processor 420 with single-core, Execute Disable Bit, 533MHz system bus, and 1MB L2 cache or Intel Pentium Processor T2060 with dual-core, Enhanced Intel SpeedStep™ technology ¹ , Execute Disable Bit, 533MHz system bus, and 1MB shared L2 cache or Intel Core™ Duo processor T2350 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep technology ¹ , Execute Disable Bit, 533MHz system bus, and 2MB shared L2 cache or Intel Core 2 Duo processor T5500 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep™ technology ¹ , Execute Disable Bit, 667MHz system bus, and 2MB shared L2 cache										SOFTWARE ¹⁴ Windows XP Professional models - Microsoft® Windows® XP Professional ²⁰ (Service Pack 2) ⇨ Disk-to-Disk Recovery (in hidden protected area) Windows XP Home models - Microsoft Windows XP Home Edition ²⁰ (Service Pack 2) ⇨ Disk-to-Disk Recovery (in hidden protected area)				
Memory	512MB, 1GB, or 2GB std / 2GB max ⁷ / PC2-5300 667MHz DDR2 / non-parity / CL5 / dual-channel capable / two 200-pin SO-DIMM sockets / ACU/ADU/A2U: standard memory in 1 socket; 1 socket available; AFU/DCU/AJU/EFU/EKU: standard memory in both sockets; no sockets available										Preloaded (all) • Lenovo CareSM Tools – Rescue and Recovery™ – System Update – Password Manager – Access Connections™ • Norton Internet Security 2005 AntiSpyware Edition (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor™ (diagnostics) • Adobe® Reader • Google Toolbar • Google Desktop • Picasa from Google • Diskkeeper® Lite • Corel® Small Business Center™ with WordPerfect® Office 12 • AOL and EarthLink (XP Home models only) • Roxio Digital Media LE (combo, DVD±RW) • InterVideo WinDVD (combo, DVD±RW) • InterVideo WinDVD Creator (DVD±RW)				
Diskette drive	None standard / use optional USB-based diskette drive										License - CD not included (all) - Lotus® SmartSuite® Millennium and Lotus Notes® Stand-alone Client (Notes client not supported on XP Home)				
EIDE Combo	Some: DVD-ROM/CD-RW / 24X/24X/24X/8X ²¹ speed / fixed, not removable / 12.7mm														
EIDE DVD±RW	Some: DVD and CD burner / dual-layer support / fixed, not removable / 12.7mm high														
SATA disk	40, 80, or 120GB ⁸ (5400 rpm) / SATA150 / 9.5mm high / removable and upgradable														
Widescreen display	Some: 15.4" (391.1mm) WXGA (1280x800) TFT color / glossy / VibrantView / 185 nits Some: 15.4" (391.1mm) WSXGA+ (1680x1050) TFT color / glossy / VibrantView / 185 nits														
Graphics	Some: Intel Graphics Media Accelerator 950 / integrated in 945GM / 250MHz Some: NVIDIA® GeForce® Go 7300-128 / CineFX 4.0 chip / PCI Express x16 / 128MB														
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / Lenovo CareSM button														
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)														
Dimensions ³	6-cell (WxDxH): 14.2"x 10.5"x 1.2" to 1.5"; 360.1mm x 266.7mm x 31.4 to 38.6mm; 9-cell (WxDxH): 14.2"x 11.3"x 1.2" to 1.5"; 360.1mm x 286.6mm x 31.4 to 38.6mm with optical drive and battery: 6.18 lb to 6.34 lb (2.80 to 2.88 kg) Color: silver top; silver bottom; Material: ABS plastic														
Weight ²	Lithium Ion 6-cell / smart battery														
Case	6-cell Celeron models: 2.2 hr; 6-cell Core 2 Duo: up to 3.5 hr; opt 9-cell: up to 4.9 hr														
Battery - type															
Battery - life ¹⁰															
Architecture	Some: Mobile Intel 945GM Express Chipset / 82945GM Graphics Memory Cont Hub Some: Mobile Intel 945PM Express Chipset / 82945PM Memory Controller Hub All: 82801GHM ICH7-M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC interface, [Bluetooth], [fingerprint]) / PCI bus (ENE® CB1410 CardBus controller, Ricoh® R5C832 1394) / LPC bus (ENE KB910L Super I/O) One Type I or Type II slot, CardBus 32-bit														
PC Card Std slot	4-in-1 Multicard Reader (MultiMedia Card, Memory Stick, Secure Digital, xD-Picture Card™) / S-video out port (TV out) / IEEE 1394 (FireWire) / four USB 2.0 /														
Ports	external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)														
Video out	S-video out port (TV out) / one 7-pin industry standard connector														
IEEE 1394	IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard														
Integrated camera	Some: camera on top of screen / 1.3-megapixel / fixed focus / internal USB 2.0														
Mini PCI Express	One Mini PCI Express slot / not customer upgradable														
Lenovo 11b/g ¹¹	Some: 11b/g wireless ⁴ , Lenovo 11b/g Mini PCI Express Adapter, Broadcom® chipset														
Intel 11a/b/g ¹¹	Some: 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG														
Lenovo 11n ²⁸	Some: 11a/b/g/n wireless ⁴ , Lenovo 11a/b/g/n Mini PCI Express Adapter, Broadcom® BCM4321 chipset, MIMO 2x2										65-watt AC adapter (GMA 950 graphics models) or 90-watt AC adapter (NVIDIA graphics models) Wireless on/off switch RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free warranty support during the warranty ¹²				
Bluetooth™	Some: Bluetooth 2.0 wireless / USB 2.0 interface via ICH7-M / LED indicator														
Modem	56K ⁶ V.90 (V.92-designed ¹⁵) modem / Agere® chipset / not customer accessible														
Ethernet	10/100 on systemboard / RealTek® RTL8100CL / PCI 2.3														
Audio support	Intel High Definition (HD) Audio / ADI 1986A codec / stereo speakers / 1 watt / volume, up, down, mute button / mono microphone / microphone input jack (3.5 mm) / headphone jack (3.5 mm)														
Security	Power-on password / hard disk password / supervisor password / security keyhole														
Fingerprint reader	Some: Fingerprint reader on palm rest / swipe sensor / no preboot support										Lenovo CareSM 1-year LOR 9x5 NBD 41K0547				
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ onsite ¹³ pickup and delivery / service upgrades ²² available										Lenovo Care 2-year LOR 9x5 NBD 41K0548				
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733			Lenovo N100 Series Li-Ion Battery 6-cell			40Y8315			Lenovo Care 2-year P&L PU Depot 41K0545					
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734			Lenovo N100 Series Li-Ion Battery 9-cell			40Y8317			Lenovo Care 3-year LOR 9x5 NBD 41K0549					
USB 2.0 Essential Memory Key 2GB	41U4944			ThinkPad and Lenovo 65W AC Adapter			40Y7696			Lenovo Care 3-year P&L PU Depot 41K0546					
USB 2.0 CD-RW/DVD-ROM Combo II Drv	40Y8637			ThinkPad 90W AC/DC Combo Adapter			40Y7630								
USB 2.0 Super Multi-Burner Drive	41N5565			ThinkVision L201p 20.1" Monitor (black)			9220HB1								
120GB Disk 9.5mm SATA150 (5400 rpm)	41N5693			Others at http://lenovo.com/accessories											

See footnotes for important warranty information

* Powered by Intel Centrino® Duo mobile technology

© Lenovo

US models announced Sept 19, Oct 17, or Oct 31, 2006 or January 30, 2007

(SN11-1) September 2007

US models withdrawn effective September 2007

Type-model	Processor	GHz	Memory	Widescreen display	Graphics controller	SATA disk	EIDE optical	Mini PCIe 802.11 wireless	Camera	Blue-tooth	Finger-print reader	Chip-set	Preload	Avail date				
0768-E2U	Core 2 Duo T7200	2.00	1GB	15.4" WSXGA+	128MB 120G ⁸	DVD±RW	Lenovo 11n ²⁸	Cam	Blue	Fing	PM	Home Premium	Jan 07					
0768-E5U	Core Duo T2350	1.86	1GB	15.4" WXGA	GMA 120G	DVD±RW	*Intel 11a/b/g ¹¹	Cam	Blue	Fing	GM	Home Premium	Jan 07					
0768-E6U	Core Duo T2350	1.86	1GB	15.4" WXGA	GMA 120G	DVD±RW	*Intel 11a/b/g		Blue		GM	Business32	Jan 07					
0768-E7U	Core 2 Duo T7200	2.00	2GB	15.4" WSXGA+	128MB 120G	DVD±RW	Lenovo 11n	Cam	Blue	Fing	PM	Business32	Jan 07					
0768-EHU	Celeron® M 430	1.73	512M	15.4" WXGA	GMA 80GB	DVD±RW	Lenovo 11b/g ¹¹		Blue		GM	Home Basic	Jan 07					
0768-EJU	Pentium® T2060	1.60	1GB	15.4" WXGA	GMA 80GB	DVD±RW	Lenovo 11b/g		Blue		GM	Home Premium	Jan 07					
0768-ELU	Pentium T2060	1.60	1GB	15.4" WXGA	GMA 80GB	DVD±RW	Lenovo 11b/g		Blue		GM	Business32	Jan 07					
0768-05U	Pentium T2080	1.70	1GB	15.4" WXGA	GMA 120G	DVD±RW	*Intel 11a/b/g		Blue		GM	Business32	May07					
0768-EMU	Core Duo T2450	2.00	1GB	15.4" WXGA	GMA 120G	DVD±RW	*Intel 11a/b/g		Blue	Fing	GM	Home Premium	Jun 07					
0768-09U	Pentium T2080	1.70	1GB	15.4" WXGA	GMA 120G	DVD±RW	*Intel 11a/b/g		Blue		GM	XP Pro	Jun 07					
• These Lenovo 3000 N100 models use a 15.4" widescreen display																		
Positioning Processor	Widescreen flexibility; two spindles Intel® Celeron M Processor 430 with single-core, Execute Disable Bit, 533MHz system bus, and 1MB L2 cache or Intel Pentium Processor T2060 or T2080 with dual-core, Enhanced Intel SpeedStep™ technology ¹ , Execute Disable Bit, 533MHz system bus, and 1MB shared L2 cache or Intel Core™ Duo processor T2350 or T2450 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep technology ¹ , Execute Disable Bit, 533MHz system bus, and 2MB shared L2 cache or Intel Core 2 Duo processor T7200 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep technology ¹ , Execute Disable Bit, 667MHz system bus, and 4MB shared L2 cache [Virtualization Technology not supported]										Preloaded operating system ²⁰ - Some: Microsoft® Windows® Vista™ Home Basic Edition (32-bit) - Some: Microsoft Windows Vista Home Premium Edition (32-bit) - Some: Microsoft Windows Vista Business Edition (32-bit) - Some: Microsoft Windows XP Professional ◇ EHU/EMU: Vista Basic logo ◇ Other Vista models: Vista Premium logo							
Memory	512MB, 1GB, or 2GB std / 2GB max ⁷ / PC2-5300 667MHz DDR2 / non-parity / CL5 / dual-channel capable / two 200-pin SO-DIMM sockets / <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in 1 socket; 1 socket available										Preloaded applications ¹⁴ (all) • Lenovo CareSM Tools – Rescue and Recovery™ – System Update – Password Manager – Access Connections™ • Norton Internet Security (90 days of virus definitions) • PC-Doctor™ (diagnostics) • Adobe® Reader • Picasa from Google • Diskkeeper® Lite (XP models) • Diskkeeper Home (Vista models) • Core!® Small Business Center™ with WordPerfect® Office 12 • QuickBooks Financial Center • Network Magic™ (Vista only) • Windows Live™ Toolbar (Vista only) • Windows Live Search (Vista only) • QuickBooks Financial Center • Microsoft Office 2007 Trial (Vista only) • AOL and EarthLink (Vista Home Basic and Home Premium models only)							
Diskette drive	None standard / use optional USB-based diskette drive										License - CD not included (all) - Lotus® Notes® Stand-alone Client							
EIDE DVD±RW	DVD and CD burner / dual-layer support / fixed, not removable / 12.7mm high																	
SATA disk	80 or 120GB⁸ (5400 rpm) / SATA150 / 9.5mm high / removable and upgradable																	
Widescreen display	<i>Some:</i> 15.4" (391.1mm) WXGA (1280x800) TFT color , glossy, VibrantView , 185 nits <i>Some:</i> 15.4" (391.1mm) WSXGA+ (1680x1050) TFT color , glossy, VibrantView , 185 nits										65-watt AC adapter (GMA 950 graphics models) or 90-watt AC adapter (NVIDIA graphics models) Wireless on/off switch RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free warranty support during the warranty ¹²							
Graphics	<i>Some:</i> Intel Graphics Media Accelerator 950 / integrated in 945GM / 250MHz <i>Some:</i> NVIDIA® GeForce® Go 7300-128 / CineFX 4.0 chip / PCI Express x16 / 128MB																	
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / Lenovo CareSM button																	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)																	
Dimensions ³	6-cell (WxDxH): 14.2"x 10.5"x 1.2" to 1.5"; 360.1mm x 266.7mm x 31.4 to 38.6mm; 9-cell (WxDxH): 14.2"x 11.3"x 1.2" to 1.5"; 360.1mm x 286.6mm x 31.4 to 38.6mm with optical drive and battery: 6.18 lb to 6.34 lb (2.80 to 2.88 kg) <i>Color:</i> silver top; silver bottom; <i>Material:</i> ABS plastic																	
Weight ²	Lithium Ion 6-cell / smart battery																	
Case	6-cell Celeron models: 2.2 hr; 6-cell Core 2 Duo: up to 3.5 hr; <i>opt 9-cell:</i> up to 4.9 hr																	
Battery - type																		
Battery - life ¹⁰																		
Architecture	<i>Some:</i> Mobile Intel 945GM Express Chipset / 82945GM Graphics Memory Cont Hub <i>Some:</i> Mobile Intel 945PM Express Chipset / 82945PM Memory Controller Hub <i>All:</i> 82801GHM ICH7-M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC interface, [Bluetooth], [fingerprint]) / PCI bus (ENE® CB1410 CardBus controller, Ricoh® R5C832 1394) / LPC bus (ENE KB910L Super I/O)																	
PC Card Std slot	One Type I or Type II slot, CardBus 32-bit																	
Ports	4-in-1 Multicard Reader (MultiMedia Card, Memory Stick, Secure Digital, xD-Picture Card™) / S-video out port (TV out) / IEEE 1394 (FireWire) / four USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)																	
Video out	S-video out port (TV out) / one 7-pin industry standard connector																	
IEEE 1394	IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard																	
Integrated camera	<i>Some:</i> camera on top of screen / 1.3-megapixel / fixed focus / internal USB 2.0																	
Mini PCI Express	One Mini PCI Express slot / not customer upgradable																	
Lenovo 11b/g ¹¹	<i>Some:</i> 11b/g wireless ⁴ , Lenovo 11b/g Mini PCI Express Adapter, Broadcom® chipset																	
Intel 11a/b/g ¹¹	<i>Some:</i> 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG																	
Lenovo 11n ²⁸	<i>Some:</i> 11a/b/g/n wireless ⁴ , Lenovo 11a/b/g/n Mini PCI Express Adapter, Broadcom® BCM4321 chipset, MIMO 2x2																	
Bluetooth™	<i>Some:</i> Bluetooth 2.0 wireless / USB 2.0 interface via ICH7-M / LED indicator																	
Modem	56K ⁶ V.90 (V.92-designed ¹⁵) modem / Agere® chipset / not customer accessible																	
Ethernet	10/100 on systemboard / RealTek® RTL8100CL / PCI 2.3																	
Audio support	Intel High Definition (HD) Audio / ADI 1986A codec / stereo speakers / 1 watt / volume, up, down, mute button / mono microphone / microphone input jack (3.5 mm) / headphone jack (3.5 mm)																	
Security	Power-on password / hard disk password / supervisor password / security keyhole																	
Fingerprint reader	<i>Some:</i> Fingerprint reader on palm rest / swipe sensor / no preboot support																	
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ onsite ¹³ pickup and delivery / service upgrades ²² available																	
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733														Lenovo Care 1-year LOR 9x5 NBD 41K0547			
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734														Lenovo Care 2-year LOR 9x5 NBD 41K0548			
USB Portable Diskette Drive	05K9276														Lenovo Care 2-year P&L PU Depot 41K0545			
USB 2.0 Lenovo Multimedia Headset	40Y8518														Lenovo Care 3-year LOR 9x5 NBD 41K0549			
USB 2.0 Essential Memory Key 2GB	41U4944														Lenovo Care 3-year P&L PU Depot 41K0546			
120GB Disk 9.5mm SATA150 (5400 rpm)	41N5693																	
Lenovo N100 Series Li-Ion Battery 6-cell	40Y8315																	
Lenovo N100 Series Li-Ion Battery 9-cell	40Y8317																	
ThinkPad® 90W AC/DC Combo Adapter	40Y7630																	
ThinkVision® L193p 19" LCD Monitor	4431HB2																	
ThinkVision L194 Wide 19" LCD Monitor	4434HB6																	
Others at http://lenovo.com/accessories																		

Type-model	Processor	GHz	Memory	Widescreen display	Screen type	SATA disk ⁸	EIDE optical	Mini PCIe 802.11 wireless	Camera	Blue-tooth	Finger-print reader	Vista preload	Limited warranty ¹²	Avail date
0687-27U	Core 2 Duo T7100	1.80	1GB	14.1" WXGA	Glossy	80GB	DVD±RW	*Intel 11a/b/g ¹¹	Cam	Blue	Finger	Home Prem	1-yr	Jun 07
0687-28U	Core 2 Duo T7100	1.80	1GB	14.1" WXGA	Glossy	160GB	DVD±RW	*Intel 11a/b/g	Cam	Blue	Finger	Business 32	1-yr	Jun 07
0687-2CU	Core 2 Duo T5250	1.50	1GB	14.1" WXGA	Glossy	80GB	DVD±RW	*Intel 11a/b/g		Blue	Finger	XP Pro	1-yr	July 07
0687-2DU	Core 2 Duo T2310	1.46	1GB	14.1" WXGA	Glossy	120GB	DVD±RW	Lenovo 11b/g ¹¹		Blue	Finger	XP Pro	1-yr	Oct 07

These Lenovo 3000 N200 models use a 14.1" widescreen display

Positioning Processor	Widescreen flexibility; two spindles Intel Pentium® Dual-Core Processor T2310 with dual-core, Intel 64 Technology, Execute Disable Bit, EIST, 533MHz system bus, and 1MB shared L2 cache or Intel Core™ 2 Duo processor T5250 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep technology ¹ , Execute Disable Bit, 667MHz system bus, and 2MB shared L2 cache or Intel Core 2 Duo processor T7100 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep technology ¹ , Intel Dynamic Acceleration, Execute Disable Bit, Virtualization Technology, 800MHz system bus, and 2MB shared L2 cache			Preloaded operating system ²⁰ - Some: Microsoft® Windows® XP Professional - Some: Microsoft® Windows® Vista™ Home Premium Edition (32-bit) - Some: Microsoft Windows Vista Business Edition (32-bit) ◇ Vista models: Vista Premium logo Preloaded applications ¹⁴ • Lenovo CareSM Tools – Rescue and Recovery™ – System Update – Password Manager – Access Connections™ • Norton Internet Security (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor™ (diagnostics) • Network Magic™ • Adobe® Reader • Windows Live™ Toolbar • Windows Live Search • Picasa from Google • Diskeeper® Home • Corel® Small Business Center™ with WordPerfect® Office 12 • QuickBooks Financial Center • Microsoft Office 2007 Trial • AOL and EarthLink Trial (Vista Home Premium models only) License - CD not included (all) • Lotus® Notes® Stand-alone Client		
Memory	1GB std / 4GB max ²¹ / PC2-5300 667MHZ DDR2 , non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available <i>Non-italics:</i> standard memory in one socket; one socket available					
Diskette drive	None (use optional USB-based diskette drive)					
EIDE DVD±RW	DVD and CD burner, dual-layer support, fixed, not removable, 12.7mm high					
Serial ATA disk	80GB ⁸ , 120GB, or 160GB (5400 rpm) / SATA150, 9.5mm high, removable, upgradable					
Widescreen display	14.1" (358.1mm) WXGA (1280x800) TFT color, VibrantView (glossy), 16:10 aspect ratio, 250:1 contrast ratio, 185nits					
Camera	Some: camera on top of screen, 1.3-megapixel, fixed focus, internal USB 2.0					
Graphics	Intel Graphics Media Accelerator X3100, integrated in GM965					
Keyboard	Full-size keyboard, 6-row, 84-key, multimedia Fn keys, Lenovo CareSM button					
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)					
Dimensions ³	6-cell models (WxDxH): 13.2" x 9.7" x 1.18" to 1.42"; 335mm x 247mm x 30 to 36mm 9-cell models (WxDxH): 13.2" x 10.5" x 1.18" to 1.42"; 335mm x 266mm x 30 to 36mm with optical drive and battery: 6-cell models: 5.45 lb (2.47 kg); 9-cell: 5.80 lb (2.63kg) Color: silver top; silver bottom; Material: ABS plastic					
Weight ²						
Case						
Battery - type	Lithium Ion 6-cell					
Battery - life ¹⁰	6-cell: up to 3.6 hr; optional 9-cell: up to 5.6 hr					
Architecture	Mobile Intel GM965 Express Chipset (Graphics Memory Controller Hub), ICH8M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC interface, [Bluetooth], [fingerprint]) / PCI bus (Ricoh® R5C832 1394/Multicard)					
ExpressCard slot	One ExpressCard/54, PCI Express x1 or USB 2.0					
Multicard Reader	5-in-1 Multicard Reader (MultiMedia Card, Memory Stick, Memory Stick Pro, Secure Digital, xD-Picture Card™)					
Ports	Four USB 2.0, external DB-15 monitor, RJ-11 (modem), RJ-45 (ethernet), S-video out port (TV out; one 7-pin industry standard connector), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)					
Mini PCI Express	One Mini PCI Express slot, not customer upgradable					
Lenovo 11b/g ¹¹	Some: 11b/g wireless ⁴ , Lenovo 11b/g Mini PCI Express Adapter, Broadcom® chipset					
Intel 11a/b/g ¹¹	Some: 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG					
Bluetooth™	Bluetooth 2.0 wireless, USB 2.0 interface via ICH8M, LED indicator					
Modem	56K ⁶ V.90 (V.92-designed ¹⁵) modem / not customer accessible					
Ethernet	10/100 on systemboard / Broadcom® BCM5906M / PCI 2.3					
Audio support	Intel High Definition (HD) Audio, Conexant® CX20549 codec / stereo speakers, 1.5 watt / volume, up, down, mute button / stereo microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)					
Security	Power-on password, hard disk password, supervisor password, security keyhole					
Fingerprint reader	Fingerprint reader on palm rest / swipe sensor / no pre-boot support					
Limited warranty ¹²	1-year - EasyServ™.19 onsite ¹³ pickup and delivery / service upgrades ²² available					
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	Lenovo N200 14W Li-Ion Battery 6-cell	41U5025			
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	Lenovo N200 14W Li-Ion Battery 9-cell	41U5026			
120GB Disk 9.5mm SATA150 (5400 rpm)	41N5693	ThinkPad® and Lenovo 65W AC Adapter	40Y7696			
USB 2.0 Lenovo Multimedia Headset	40Y8518	ThinkPad 90W AC/DC Combo Adapter	40Y7630			
USB 2.0 Lenovo Webcam	40Y8519	ThinkVision® L190x 19" LCD Monitor	4439HB2			
USB 2.0 Essential Memory Key 2GB	41U4944	ThinkVision L193p 19" LCD Monitor	4431HB2			
USB 2.0 Super Multi-Burner Drive	41N5565	ThinkVision L194 Wide 19" LCD Monitor	4434HB6			
Lenovo USB Port Replicator with Video	40Y8132	ThinkVision L220x Wide 22" LCD Monitor	4433HB2			
Preferred Pro USB Keyboard	73P5220	Lenovo M500 Projector	0037A05			
Enh Perf Wireless Keyboard and Mouse	73P4067	Lenovo Carrying Case - Messenger Max	41U5253			
Lenovo Laser Mouse (USB, PS/2)	41U3074	Lenovo Carrying Case - Top Loader	40Y8601			
ExpressCard Gemplus Smart Card Reader	41N3043	Lenovo Case - Performance Backpack	41U5254			
Other accessories on O-N200 sheet		Others at http://lenovo.com/accessories				
65-watt AC adapter Wireless on/off switch RoHS-compliant ENERGY STAR® 4.0-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free warranty support during the warranty ¹²						
Lenovo CareSM 1-year LOR 9x5 NBD 41K0547						
Lenovo Care 2-year LOR 9x5 NBD 41K0548						
Lenovo Care 2-year P&L PU Depot 41K0545						
Lenovo Care 3-year LOR 9x5 NBD 41K0549						
Lenovo Care 3-year P&L PU Depot 41K0546						

See footnotes for important warranty information

* Powered by Intel Centrino® Duo processor technology

US models announced May 22, July 24, or October 2, 2007

 © Lenovo
(AL2-1) December 2007

US models withdrawn effective December 2007

Type-model	Processor	GHz	Memory	Widescreen display	Graphics controller	SATA disk	EIDE optical	Mini PCIe 802.11 wireless	Cam-era	Blue-tooth	Finger-print reader	Chip-set	Vista preload	Avail date	
0769-A7U	Core 2 Duo T7100	1.80	1GB	15.4" WXGA	GMA 160G ⁸	DVD±RW	*Intel 11a/b/g ¹¹				Finger	GM	Business 32	May 07	
0769-A8U	Core 2 Duo T7300	2.00	1GB	15.4" WSXGA+	256MB 160G	DVD±RW	*Intel 11n ²⁸		Cam	Blue	Finger	PM	Business 32	May 07	
0769-A9U	Core 2 Duo T7500	2.20	2GB	15.4" WSXGA+	256MB 160G	DVD±RW	*Intel 11n		Cam	Blue	Finger	PM	Ultimate 32	May 07	
0769-AFU	Celeron 540	1.86	1GB	15.4" WXGA	GMA 120G	DVD±RW	Lenovo 11b/g ¹¹				Finger	GM	Home Prem	Jul 07	
0769-AGU	Core 2 Duo T5250	1.50	1GB	15.4" WXGA	GMA 120G	DVD±RW	*Intel 11a/b/g				Finger	GM	Business 32	Jul 07	
0769-AJU	Core 2 Duo T5250	1.50	1GB	15.4" WXGA	GMA 160G	DVD±RW	*Intel 11a/b/g		Cam	Blue	Finger	GM	Ultimate 32	Jul 07	
0769-AHU	Core 2 Duo T5250	1.50	1GB	15.4" WXGA	GMA 120G	DVD±RW	*Intel 11a/b/g				Finger	GM	XP Pro	Jul 07	
0769-AKU	Core 2 Duo T7100	1.80	1GB	15.4" WXGA	GMA 160G	DVD±RW	*Intel 11a/b/g				Finger	GM	XP Pro	Jul 07	
These Lenovo 3000 N200 models use a 15.4" widescreen display															
Positioning Processor	Widescreen flexibility; two-spindle Intel® Celeron® Processor 540 with single-core, Execute Disable Bit, Intel 64 Technology, 533MHz system bus, and 1MB L2 cache or Intel Core™ 2 Duo processor T5250 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep technology ¹ , Execute Disable Bit, 667MHz system bus, and 2MB shared L2 cache or Intel Core 2 Duo processor T7100, T7300, or T7500 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep technology ¹ , Intel Dynamic Acceleration, Execute Disable Bit, Virtualization Technology, and 800MHz system bus; T7100: 2MB shared L2 cache; T7300/T7500: 4MB shared L2 cache										Preloaded operating system ²⁰ - Some: Microsoft® Windows® XP Professional - Some: Microsoft Windows Vista™ Home Premium Ed (32-bit) - Some: Microsoft Windows Vista Business Edition (32-bit) - Some: Microsoft Windows Vista Ultimate Edition (32-bit) ◇ AFU/AGU/AJU: Vista Basic logo ◇ A7U/A8U/A9U: Vista Premium logo				
Memory	1GB or 2GB std / 4GB max ³¹ ; PC2-5300 667MHz DDR2, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; Italics: standard memory in both sockets; no sockets available; Non-italics: standard memory in one socket; one socket available										Preloaded applications ¹⁴ (all) • Lenovo CareSM Tools – Rescue and Recovery™ – System Update – Password Manager – Access Connections™ • Norton Internet Security (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor™ (diagnostics) • Network Magic™ • Adobe® Reader • Windows Live™ Toolbar • Windows Live Search • Picasa from Google • Diskkeeper® Home • Corel® Small Business Center™ with WordPerfect® Office 12 • QuickBooks Financial Center • Microsoft Office 2007 Trial • AOL and EarthLink Trial (Vista Home Premium and Vista Ultimate models only)				
Diskette drive	None (use optional USB-based diskette drive)										License - CD not included (all) - Lotus® Notes® Stand-alone Client				
EIDE DVD±RW	DVD and CD burner, dual-layer support, fixed, not removable, 12.7mm high														
SATA disk	120GB ⁸ or 160GB (5400 rpm) / SATA150, 9.5mm high, removable and upgradable														
Widescreen display	Some: 15.4" (391.1mm) WXGA (1280x800) TFT color, VibrantView (glossy), 16:10 aspect ratio, 400:1 contrast ratio, 185 nits; Some: 15.4" (391.1mm) WSXGA+ (1680x1050) TFT color, VibrantView (glossy), 16:10 aspect ratio, 400:1 contrast ratio, 185 nits														
Camera	Some: camera on top of screen, 1.3-megapixel, fixed focus, internal USB 2.0														
Graphics	Some: Intel Graphics Media Accelerator X3100, integrated in GM965 Some: NVIDIA® GeForce® Go 7300, PCI Express x16, 256MB														
Keyboard	Full-size keyboard, 6-row, 84-key, multimedia Fn keys, Lenovo CareSM button														
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)														
Dimensions ³	6-cell (WxDxH): 14.2"x 10.5"x 1.2" to 1.5"; 360.1mm x 266.7mm x 31.4 to 38.6mm; 9-cell (WxDxH): 14.2"x 11.3"x 1.2" to 1.5"; 360.1mm x 286.6mm x 31.4 to 38.6mm with optical drive and battery: 6-cell: 6.02 lb to 6.34 lb (2.73 to 2.88 kg)														
Weight ²	Color: silver top; silver bottom; Material: ABS plastic														
Case	Lithium Ion 6-cell, smart battery														
Battery - type	6-cell: up to 3.5 hr; optional 9-cell: up to 4.9 hr														
Battery - life ¹⁰															
Architecture	Some: Mobile Intel GM965 Express Chipset (Graphics Memory Controller Hub); Some: Mobile Intel PM965 Express Chipset (Memory Controller Hub); All: ICH8M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC interface, [Bluetooth], [fingerprint]) / PCI bus (Ricoh® R5C833 1394/Multicard) / LPC bus (ENE KB925 Super I/O)														
ExpressCard slot	One ExpressCard/54, PCI Express x1 or USB 2.0														
Multicard Reader	5-in-1 Multicard Reader (MultiMedia Card, Memory Stick, Memory Stick Pro, Secure Digital, xD-Picture Card™)														
Ports	Four USB 2.0, external DB-15 monitor, RJ-11 (modem), RJ-45 (ethernet), S-video out port (TV out; one 7-pin industry standard connector), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)														
Mini PCI Express	One Mini PCI Express slot, not customer upgradable														
Lenovo 11b/g ¹¹	Some: 11b/g wireless ⁴ , Lenovo 11b/g Mini PCI Express Adapter, Broadcom® chipset														
Intel 11a/b/g ¹¹	Some: 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG														
Intel 11n ²⁸	Some: 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel Wireless WiFi Link 4965AGN, MIMO 2x3 (Kedron)														
Bluetooth™	Some: Bluetooth 2.0 wireless, USB 2.0 interface via ICH8M, LED indicator														
Modem	56K ⁶ V.90 (V.92-designed ¹⁵) modem, not customer accessible														
Ethernet	10/100 on systemboard, Broadcom® BCM5906M, PCI 2.3														
Audio support	Intel High Definition (HD) Audio, RealTek® ALC861VD codec / stereo speakers, 1.5 watt / volume, up, down, mute button / stereo microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)														
Security	Power-on password, hard disk password, supervisor password, security keyhole														
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor, no preboot support														
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ onsite ¹³ pickup and delivery / service upgrades ²² available														
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	Lenovo C200/N200 15W Battery 6-cell		40Y8322											
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	Lenovo N200 15W Li-Ion Battery 9-cell		41U5027											
120GB Disk 9.5mm SATA150 (5400 rpm)	41N5693	ThinkPad® and Lenovo 65W AC Adapter		40Y7696											
USB 2.0 Essential Memory Key 2GB	41U4944	Lenovo 90W Slim AC/DC Combo Adapter		41N8460											
USB 2.0 Super Multi-Burner Drive	41N5565	ThinkVision® L193p 19" LCD Monitor		4431HB2											
Lenovo USB Port Replicator with Video	40Y8132	ThinkVision L220x Wide 22" LCD Monitor		4433HB2											
Lenovo Laser Mouse (USB, PS/2)	41U3074	Lenovo Carrying Case - Messenger Max		41U5253											
ExpressCard Gemplus Smart Card Reader	41N3043	Lenovo Case - Performance Backpack		41U5254											
Other accessories on O-N200 sheet	Others at http://lenovo.com/accessories														
					Lenovo CareSM 1-year LOR 9x5 NBD 41K0547										
					Lenovo Care 2-year LOR 9x5 NBD 41K0548										
					Lenovo Care 2-year P&L PU Depot 41K0545										
					Lenovo Care 3-year LOR 9x5 NBD 41K0549										
					Lenovo Care 3-year P&L PU Depot 41K0546										

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Graphics controller	SATA disk	EIDE optical	Mini PCIe 802.11 wireless	Bluetooth	Fingerprint reader	Chip-set	Preload	Avail date
0769-ALU	Celeron 530	1.73	512MB	15.4" WXGA		GMA	80GB ⁸	Combo	Lenovo 11b/g ¹¹			GM	Home Basic	Oct 07
0769-AMU	Celeron 530	1.73	512MB	15.4" WXGA		GMA	80GB	Combo	Lenovo 11b/g			GM	XP Pro	Oct 07
0769-ANU	Pentium T2310	1.46	1GB	15.4" WXGA		GMA	120G	DVD±RW	Lenovo 11b/g		Finger	GM	XP Pro	Oct 07
0769-APU	Pentium T2310	1.46	1GB	15.4" WXGA	Cam	GMA	160G	DVD±RW	Lenovo 11b/g	Blue	Finger	GM	XP Pro	Oct 07
0769-ASU	Celeron 540	1.86	512MB	15.4" WXGA		GMA	80GB	Combo	Lenovo 11b/g			GM	Home Basic	Dec 07
0769-ATU	Celeron 540	1.86	512MB	15.4" WXGA		GMA	80GB	Combo	Lenovo 11b/g			GM	XP Pro	Dec 07
0769-AUU	Pentium T2330	1.60	1GB	15.4" WXGA		GMA	120G	DVD±RW	Lenovo 11b/g		Finger	GM	XP Pro	Dec 07
0769-AVU	Pentium T2330	1.60	1GB	15.4" WXGA	Cam	GMA	120G	DVD±RW	Lenovo 11b/g	Blue	Finger	GM	Home Prem	Dec 07
0769-F8U	Celeron 550	2.00	1GB	15.4" WXGA		GMA	80GB	Combo	Intel 11a/b/g ¹¹			GM	Home Basic	Apr 08
0769-F9U	Pentium T2390	1.86	1GB	15.4" WXGA	Cam	GMA	120G	DVD±RW	Intel 11a/b/g	Blue	Finger	GM	Home Prem	Apr 08
0769-FAU	Pentium T2390	1.86	1GB	15.4" WXGA		GMA	120G	DVD±RW	Intel 11a/b/g		Finger	GM	Business 32	Apr 08
0769-FBU	Celeron 550	2.00	1GB	15.4" WXGA		GMA	80GB	Combo	Lenovo 11b/g			GM	Business 32	May 08
0769-FCU	Pentium T2390	1.86	1GB	15.4" WXGA		GMA	160G	DVD±RW	Intel 11n ²⁸		Finger	GM	XP Pro	Jun 08

These Lenovo N200 models use a 15.4" widescreen display

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> Intel® Celeron® Processor 530, 540, or 550 with single-core, Execute Disable Bit, Intel 64 Technology, 533MHz system bus, and 1MB L2 cache or Intel Pentium® Processor T2310, T2330, or T2390 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 533MHz system bus, and 1MB shared L2 cache			Preloaded operating system ²⁰ - <i>Some:</i> Genuine Windows® XP Professional (preinstalled via downgrade rights in Windows Vista® Business) - <i>Some:</i> Genuine Windows Vista Home Basic 32 - <i>Some:</i> Genuine Windows Vista Home Premium 32 - <i>Some:</i> Genuine Windows Vista Business 32 ♦ <i>Vista models:</i> Vista Basic logo Preloaded applications ¹⁴ (all OSes) • Lenovo Care SM Tools – Rescue and Recovery TM – System Update – Password Manager – Access Connections TM • Norton Internet Security TM (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor TM (diagnostics) • Adobe® Reader • Picasa from Google • Diskkeeper® Lite (XP models) • Diskkeeper Home (Vista models) • Corel® Small Business Center TM with WordPerfect® Office 12 • QuickBooks Financial Center • Network Magic TM (Vista only) • Windows Live TM Toolbar • QuickBooks Financial Center (Vista only) • Microsoft® Office 2007 Trial (60-day) • EarthLink (Vista Home Basic models only)		
Memory	512MB or 1GB std / 4GB max ^{7/} PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Non-italics:</i> standard memory in one socket; one socket available					
Diskette drive	None					
EIDE Combo	<i>Some:</i> DVD-ROM/CD-RW / 24X/24X/24X/8X ²¹ speed, fixed, not removable, 12.7mm					
EIDE DVD±RW	<i>Some:</i> DVD burner, dual-layer support, fixed, not removable, 12.7mm high					
SATA disk	80GB ⁸ (5400 rpm), 120GB (5400 rpm), or 160GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable and upgradable					
Widescreen display	15.4" (391.1mm) WXGA (1280x800) TFT color, VibrantView (glossy), CCFL backlight, 185 nits, 16:10 aspect ratio, 400:1 contrast ratio					
Camera	<i>Some:</i> camera on top of screen, 1.3-megapixel, fixed focus, internal USB 2.0					
Graphics	Intel Graphics Media Accelerator X3100 , in GM965					
Keyboard	Full-size keyboard, 6-row, 84-key, multimedia Fn keys, Lenovo Care SM button					
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)					
Dimensions ³	<i>6-cell (WxDxH):</i> 14.2"x 10.5"x 1.2" to 1.5"; 360.1mm x 266.7mm x 31.4 to 38.6mm; <i>9-cell (WxDxH):</i> 14.2"x 11.3"x 1.2" to 1.5"; 360.1mm x 286.6mm x 31.4 to 38.6mm					
Weight ²	with optical drive and battery: <i>6-cell:</i> 6.02 lb to 6.34 lb (2.73 to 2.88 kg)					
Case color	Silver top; silver bottom					
Case material	ABS plastic					
Battery - type	Lithium Ion 6-cell , smart battery					
Battery - life ¹⁰	<i>6-cell:</i> up to 3.5 hr; <i>optional 9-cell:</i> up to 4.9 hr					
Chipset	Mobile Intel GM965 Express Chipset (Graphics Memory Controller Hub); ICH8M I/O Controller Hub (SATA 3.0Gb/s, ATA-100 EIDE, USB 2.0, PCI Express® 1.1, PCI 2.3), LPC bus (ENE KB925 Super I/O)					
ExpressCard/54	One slot (ExpressCard/34, ExpressCard/54)					
Multicard Reader	5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO TM , Secure Digital, xD-Picture Card TM)					
Ports	Four USB 2.0, external monitor (VGA DB-15), modem (RJ-11), ethernet (RJ-45), S-video out port (TV out; one 7-pin industry standard connector), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)					
Mini PCI Express	One Mini PCI Express slot, not customer upgradable					
Lenovo 11b/g ¹¹	<i>Some:</i> 11b/g wireless ⁴ , Lenovo 11b/g Mini PCI Express Adapter, Broadcom® chipset					
Intel 11a/b/g ¹¹	<i>Some:</i> 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG					
Intel 11n ²⁸	<i>Some:</i> 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel Wireless WiFi Link 4965AGN, MIMO 2x3 (Kedron)					
Bluetooth TM	<i>Some:</i> Bluetooth 2.0 wireless, USB 2.0 interface via ICH8M, LED indicator					
Modem	56K V.92 ⁶ modem, not customer accessible					
Ethernet	10/100 ethernet, Broadcom® BCM5906M, PCI 2.3					
Audio support	Intel High Definition (HD) Audio, RealTek® ALC861VD codec / stereo speakers, 1.5 watt / volume, up, down, mute button / stereo microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)					
Security	Power-on password, hard disk password, supervisor password, security keyhole					
Fingerprint reader	<i>Some:</i> Fingerprint reader on palm rest , swipe sensor, no preboot support					
Limited warranty ¹²	1-year - EasyServ ^{TM,19} depot repair service / service upgrades ²² available					
1GB PC2-5300 DDR2 SODIMM (TopSeller)		43R1999	Lenovo C200/N200 15W Battery 6-cell	40Y8322	Lenovo Care 1-year LOR 9x5 NBD	41K0547
2GB PC2-5300 DDR2 SODIMM (TopSeller)		43R2000	Lenovo N200 15W Li-Ion Battery 9-cell	41U5027	Lenovo Care 2-year LOR 9x5 NBD	41K0548
USB 2.0 Essential Memory Key 32GB		45K1258	ThinkPad® and Lenovo 65W AC Adapter	40Y7696	Lenovo Care 2-year P&L PU Depot	41K0545
USB 2.0 Ultra Secure Memory Key 8GB		45J5918	90W Ultrasm AC/DC Combo Adapter	41R4493	Lenovo Care 3-year LOR 9x5 NBD	41K0549
Lenovo Laser Mouse (USB)		41U3074	Lenovo Carrying Case - Messenger Max	41U5253	Lenovo Care 3-year P&L PU Depot	41K0546
ExpressCard Gemplus Smart Card Reader		41N3043	Lenovo Case - Performance Backpack	41U5254		
Other accessories on O-N200 sheet			Others at http://lenovo.com/accessories			

See footnotes for important warranty information

US models announced on October 2 or December 4, 2007 or April 8, May 6, or June 24, 2008

US models withdrawn effective December 2007 or July 2010

© Lenovo
(SN2-2) July 2010

Partial list of accessories supported on:

- **Lenovo N200 14W** originally announced on May 22, 2007
- **Lenovo N200 15W** originally announced on May 9, 2007

Memory

1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999	ann 03/25/08
2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000	ann 03/25/08

Storage and removable storage

USB 2.0 Essential Memory Key 4GB	45J7904	ann 06/24/08
USB 2.0 Essential Memory Key 8GB	45J7905	ann 07/15/08
USB 2.0 Essential Memory Key 32GB	45K1258	ann 10/28/08
USB 2.0 Ultra Secure Memory Key 1GB	45J5915	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 2GB	45J5916	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 4GB	45J5917	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 8GB	45J5918	ann 08/26/08
USB 2.0 Portable 500GB Hard Disk	45K1690	ann 05/26/09

Keyboard

USB Numeric Keypad	33L3225	ann 05/01/00
Preferred Pro USB Keyboard	73P5220	ann 06/21/05
Enhanced Performance USB Keyboard	73P2620	ann 03/23/04
Ultrathin Wireless Keyboard and Mouse ⁵²	57Y4700	ann 09/15/09

⁵² Wireless via 2.4GHz technology using a micro-size USB receiver.

Mouse

Lenovo Optical Mouse (USB)	06P4069	ann 05/21/03
Lenovo ScrollPoint® Mouse (USB, Optical)	31P7405	ann 08/27/02
ThinkPad Travel Mouse (USB, Optical)	31P7410	ann 06/04/02
Lenovo Laser Mouse (USB)	41U3074	ann 01/23/07
Lenovo Wireless Laser Mouse - Black ⁵²	45K1696	ann 11/25/08
Lenovo Wireless Laser Mouse - Red/Black ⁵²	51J0198	ann 11/25/08
ThinkPad® Bluetooth Laser Mouse	41U5008	ann 01/22/08

Security

Kensington® MicroSaver® Cable Lock	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
USB Gemplus GemPC Smart Card Reader	41N3040	ann 02/21/06

ExpressCard/54 slot:

ExpressCard Gemplus Smart Card Reader	41N3043	ann 06/27/06
---------------------------------------	---------	--------------

Power Accessories

N200 14W (0687) only:

Lenovo N200 14W Li-Ion Battery 6-cell	41U5025	ann 05/22/07
Lenovo N200 14W Li-Ion Battery 9-cell	41U5026	ann 05/22/07

N200 15W (0769) only:

Lenovo C200/N200 15W Li-Ion Battery 6-cell	40Y8322	ann 10/17/06
Lenovo N200 15W Li-Ion Battery 9-cell	41U5027	ann 05/09/07

All models:

ThinkPad and Lenovo 65W AC Adapter ⁴⁵	40Y7696	ann 09/20/05
⁴⁵ Only compatible with the 945GM and GM965 chipset models.		
ThinkPad and Lenovo 90W AC Adapter	40Y7659	ann 09/20/05
90W Ultrathin AC/DC Combo Adapter	41R4493	ann 09/22/09
Belkin Surge Protector	31P7659	
Belkin 1 outlet Notebook Surge	31P7658	

Carrying Cases

Lenovo Carrying Case - Messenger Max	41U5253	ann 05/01/07
Lenovo Carry Case - Performance Backpack	41U5254	ann 05/01/07
Lenovo Standard Case	45K1697	ann 11/25/08
Lenovo Standard Backpack	45K1698	ann 11/25/08

Monitors

ThinkVision® L1711p 17" Monitor	5047HB2	ann 10/20/09
ThinkVision L1900p 19" Monitor	4431HE1	ann 11/11/08
ThinkVision L1951p Wide 19" Monitor	2448HB6	ann 10/20/09
ThinkVision L2250p Wide 22" Monitor	2572HB6	ann 10/20/09
ThinkVision L2251p Wide 22" Monitor	2572HD6	ann 10/20/09
ThinkVision L2251x Wide 22" Monitor	2578HB6	ann 10/20/09
ThinkVision L2440p Wide 24" Monitor	4420HB2	ann 09/17/08

Monitor Accessories⁴⁶

ThinkVision USB Soundbar	40Y7616	ann 08/23/05
ThinkVision Soundbar	45K1263	ann 09/16/08
Kensington MicroSaver Cable Lock	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
Lenovo Easy Reach Monitor Stand	55Y9258	ann 09/22/09
Radial Arm	19K4464	ann 05/05/00

⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.

More information at www.lenovo.com/support/monitoraccessories

Other accessories at www.lenovo.com/accessories

Accessories Guide pdf at www.lenovo.com/accessoriesguide

Lenovo CareSM maintenance services

Warranty service upgrade:²²

1-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0547
2-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0548
2-year Parts and Labor (P&L) Pickup Depot	41K0545
3-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0549
3-year Parts and Labor (P&L) Pickup Depot	41K0546

Post-warranty maintenance services:⁵

1-year maintenance Parts and Labor Pickup Depot SBD	41K0550
1-year maintenance 9x5 Next Business Day response	41K0551
2-year maintenance Parts and Labor Pickup Depot SBD	41K0552
2-year maintenance 9x5 Next Business Day response	41K0553

[SBD=Second Business Day average response]

Lenovo Care maintenance services at www.lenovo.com/warranty

Lenovo™ 3000 V100 (0763) - withdrawn

Created by Lenovo Training Solutions
Personal Systems Reference (PSREF)

Type-model	Processor	Speed GHz	Memory	Widescreen display	Screen type	Graphics controller	SATA disk GB ⁵	EIDE optical	Mini PCIe 802.11 wireless	Camera	Finger- print reader	Bat- tery cells	Preload	Avail date
0763-C7U	Core™ Duo T2300E	1.66	512MB	12.1" WXGA	Glossy	GMA950	80GB	Combo	* Intel 11a/b/g ¹¹			3	XP Home	May 06
0763-23U	Core Duo T2300E	1.66	512MB	12.1" WXGA	Glossy	GMA950	80GB	Combo	* Intel 11a/b/g		Finger	3	XP Pro	May 06
0763-25U	Core Duo T2300E	1.66	512MB	12.1" WXGA	Glossy	GMA950	80GB	DVD±RW	* Intel 11a/b/g		Finger	3	XPHome	May 06
0763-27U	Core Duo T2300E	1.66	512MB	12.1" WXGA	Glossy	GMA950	100G	DVD±RW	* Intel 11a/b/g		Finger	6	XP Pro	May 06
0763-29U	Core Duo T2500	2.0	1GB	12.1" WXGA	Glossy	GMA950	100G	DVD±RW	* Intel 11a/b/g		Finger	6	XP Pro	May 06
0763-44U	Core Duo T2500	2.0	1GB	12.1" WXGA	Glossy	GMA950	100G	DVD±RW	* Intel 11a/b/g	Camera	Finger	6	XP Pro	May 06
• These models use a 12.1" widescreen display • Two-spindle (disk and optical) in an ultraportable • Multimedia ready: press button to load InterVideo InstantON music and movie player without loading OS														
Positioning Processor	Sleek ultraportable offers worry-free computing and solid performance at a great value Intel® Core Duo processor T2300E or T2500 with dual-core, Enhanced Intel SpeedStep™ technology ¹ , Execute Disable Bit, and 667MHz system bus / 2MB L2 cache (shared)									SOFTWARE¹⁴				
Memory	512MB or 1GB std / 2GB max ⁷ / PC2-5300 667MHz DDR2 / non-parity / CL5 / dual-channel capable / two 200-pin SO-DIMM sockets / std memory in one socket / one socket available									Windows XP Professional models - Microsoft® Windows® XP Professional ²⁰ (Service Pack 2) ✧ Disk-to-Disk Recovery (in hidden protected area)				
Diskette drive	None standard / use optional USB-based diskette drive									Windows XP Home models				
EIDE Combo	Some: DVD-ROM/CD-RW / 24X/24X/24X/8X ²¹ speed / fixed, not removable / 12.7mm									- Microsoft Windows XP Home Edition ²⁰ (Service Pack 2)				
EIDE DVD±RW	Some: DVD and CD burner / DL support / fixed, not removable / 12.7mm high									✧ Disk-to-Disk Recovery (in hidden protected area)				
SATA disk	80GB⁸ or 100GB (5400 rpm) / SATA150 / 9.5mm high / removable and upgradable													
Widescreen display	12.1" (307.3mm) WXGA (1280x800) TFT color / glossy / VibrantView / 200 nits / no latch open-close mechanism									Preloaded (all)				
Graphics	Intel Graphics Media Accelerator 950 / integrated in 945GM / 250MHz									• Lenovo Care SM Tools				
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / <i>Buttons across top</i> : on-off, Lenovo Care SM , instant on, mute, volume down, volume up									– Rescue and Recovery™				
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)									– System Update				
Dimensions ³	3-cell (WxDxH) : 12.01"x 8.94"x 1.25"; 305.1mm x 227.0mm x 31.7mm 6-cell (WxDxH) : 12.01"x 9.68"x 1.25"; 305.1mm x 246.0mm x 31.7mm									– Password Manager				
Weight ²	with optical drive and battery: 4.0 (1.8 kg) to 4.32lb (1.96 kg)									– Access Connections™				
Case	Color: silver top ; black bottom; Material: ABS plastic									• Norton Internet Security 2005 AntiSpyware Edition (90 days of virus definitions)				
Battery - type	Lithium Ion 3-cell or 6-cell / 2600 mAh / smart battery									• Softex OmniPass (on fingerprint models)				
Battery - life ¹⁰	3-cell : up to 2.2 hr; 6 cell : up to 4.4 hr									• PC-Doctor™ (diagnostics)				
Architecture	Mobile Intel 945GM Express Chipset / 82945GM Graphics Memory Controller Hub / 82801GHM ICH7-M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC interface, Bluetooth, [fingerprint]) / PCI bus for Ricoh® R5C832 1394									• Adobe® Reader				
ExpressCard slot	One ExpressCard/54 / PCI Express x1 or USB 2.0 / integrated door									• Google Toolbar				
Ports	5-in-1 Multicard Reader (MultiMedia Card, Memory Stick, Memory Stick Pro, Secure Digital, xD Picture Card) / IEEE 1394 (FireWire) / three USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)									• Google Desktop				
IEEE 1394	IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard									• Picasa from Google				
InstantON	Press button to load InterVideo InstantON music and movie player without loading OS									• Diskkeeper™ Lite				
Integrated camera	Some: camera on top of screen / 1.3-megapixel / fixed focus / internal USB 2.0									• Corel® Small Business Center™ with WordPerfect® Office 12				
Mini PCI Express	One Mini PCI Express slot / not customer upgradeable									• AOL and EarthLink (XP Home models only)				
Intel 11a/b/g ¹¹	11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG									• InterVideo InstantON				
Bluetooth™	Bluetooth 2.0 wireless / USB 2.0 interface via ICH7-M / LED indicator									• Roxio Digital Media LE (combo, DVD±RW)				
Modem	56K ⁶ V.90 (V.92-designed ¹⁵) modem / Agere® chipset / not customer accessible									• InterVideo WinDVD (combo, DVD±RW)				
Ethernet	10/100 on systemboard / RealTek® RTL8100CL / PCI 2.3									• InterVideo WinDVD Creator (DVD±RW)				
Audio support	Intel High Definition (HD) Audio / RealTek ALC883 codec / stereo speakers / 1 watt / volume, up, down, mute button / stereo microphone / microphone input jack (3.5 mm) / headphone jack (3.5 mm)									License - CD not included (all)				
Security	Power-on password / hard disk password / supervisor password / security keyhole									- Lotus® SmartSuite® Millennium and Lotus Notes® Stand-alone Client (Notes client not supported on XP Home)				
Fingerprint reader	Some: Fingerprint reader on palm rest / swipe sensor / no preboot support													
Limited warranty ¹²	1-year - EasyServ™.19 onsite ¹³ pickup and delivery / service upgrades ²² available									Universal 65-watt AC adapter Wireless on/off switch Windows Vista™ capable RoHS-compliant ENERGY STAR®-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free warranty support during the warranty ¹²				
256MB PC2-5300 DDR2 CL5 SODIMM	40Y7732	V100 Series Li-Ion Battery 3-cell	40Y8319											
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	V100 Series Li-Ion Battery 6-cell	40Y8321											
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	ThinkPad and Lenovo 65W AC Adapter	40Y7696											
80GB Disk 9.5mm SATA150 (5400 rpm)	41N5662	ThinkPad and Lenovo 90W AC Adapter	40Y7659											
USB Portable Diskette Drive	05K9276	ThinkPad 90W AC/DC Combo Adapter	40Y7630											
USB 2.0 Essential Memory Key 512MB	40Y8590	Lenovo Carrying Case - Messenger	40Y8598											
USB 2.0 Memory Key 1GB	40Y7421	Lenovo Carrying Case - Top Loader	40Y8601											
USB 2.0 Port Replicator with Video	40Y8132	Lenovo Carrying Case - Backpack	40Y8603											
USB 2.0 Portable 80GB Hard Disk	40Y8726	E74 17" FST CRT Monitor (16.0 vis) blk	332PHN											
USB 2.0 Super Multi-Burner Drive	40Y8638	Lenovo L171 17" Monitor (black)	9227AC1											
USB Keyboard with UltraNav	31P8950	Lenovo L191 19" Monitor (black)	6135AB1											
USB Travel Keyboard with UltraNav	31P9490	Lenovo L192 Wide 19" Monitor (black)	6920AB1											
Optical 3-Button Travel Wheel Mouse	31P7410	ThinkVision® L192p 19" Monitor (black)	9419HC2											
Kensington® MicroSaver® Security Cable	73P2582	ThinkVision L201p 20.1" Monitor (black)	9220HB1											
ExpressCard Gemplus Smart Card Reader	41N3043	Lenovo M500 Projector	0037A05											
SonyEricsson® GC83 EDGE PC Card	26K3393	Lenovo C500 Projector	0039A05											
Verizon Wireless V620 WWAN PC Card ²⁵	40Y9137	Other options at http://lenovo.com/options												
				Lenovo Care SM 1-year LOR 9x5 NBD 41K0547										
				Lenovo Care 2-year LOR 9x5 NBD 41K0548										
				Lenovo Care 2-year P&L PU Depot 41K0545										
				Lenovo Care 3-year LOR 9x5 NBD 41K0549										
				Lenovo Care 3-year P&L PU Depot 41K0546										

See footnotes for important warranty information
US models announced May 16 or 30, 2006
US models withdrawn effective December 2006

* Powered by Intel Centrino Duo® mobile technology

© Lenovo
(FS1-1) December 2006

See footnotes for important warranty information
US models announced October 17 or October 24, 2006
US models withdrawn effective April 2008

* Intel Centrino® processor technology

© Lenovo
(FS11-1) April 2008

Type-model	Processor	GHz	Memory	Widescreen display	Screen type	Graphics controller	SATA disk	EIDE optical	Mini PCIe 802.11 wireless	Camera	Battery cells	Vista preload	Vista logo	Avail date
0763-2LU	Core 2 Duo T5200	1.60	1GB	12.1" WXGA	Glossy	GMA950	120GB ⁸	DVD±RW	*Intel 11a/b/g ¹¹	Cam	3	Home Prem	Premium	Jan 07
0763-2MU	Core 2 Duo T5200	1.60	1GB	12.1" WXGA	Glossy	GMA950	120GB	DVD±RW	*Intel 11a/b/g	Cam	6	Business	Premium	Jan 07
0763-2VU	Core 2 Duo T7200	2.00	2GB	12.1" WXGA	Glossy	GMA950	120GB	DVD±RW	Lenovo 11n ²⁸	Cam	6	Business	Premium	Jan 07

• These models use a 12.1" widescreen display
 • Two-spindle (disk and optical) in an ultraportable
 • Multimedia ready: press button to load InterVideo InstantON music and movie player without loading OS

Positioning Processor	Widescreen ultraportable; two spindles Intel® Core™ 2 Duo processor T5200 or T7200 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep® technology ¹ , Execute Disable Bit, and 667MHz system bus [Virtualization Technology not supported]; T5200: 2MB shared L2 cache; T7200: 4MB shared L2 cache	Preloaded operating system ²⁰ - Some: Microsoft® Windows® Vista™ Home Premium Edition (32-bit) - Some: Microsoft Windows Vista Business Edition (32-bit)
Memory	512MB, 1GB, or 2GB std / 2GB max ⁷ / PC2-5300 667MHz DDR2 / non-parity / CL5 / dual-channel capable / two 200-pin SO-DIMM sockets / standard memory in both sockets / no sockets available	Preloaded applications ¹⁴ (all OSes) • Lenovo CareSM Tools - Rescue and Recovery™ - System Update - Password Manager - Access Connections™ • Norton Internet Security (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor™ (diagnostics) • Adobe® Reader • Picasa from Google • Diskeeper® Home • Core!® Small Business Center™ with WordPerfect® Office 12 • QuickBooks Financial Center • EarthLink (Vista Home Premium only) • InterVideo InstantON
Diskette drive	None standard / use optional USB-based diskette drive	
EIDE DVD±RW	DVD and CD burner / DL support / fixed, not removable / 12.7mm high	
SATA disk	120GB ⁸ (5400 rpm) / SATA150 / 9.5mm high / removable and upgradable	
Widescreen display	12.1" (307.3mm) WXGA (1280x800) TFT color / glossy / VibrantView / 200 nits / no latch open-close mechanism	
Graphics	Intel Graphics Media Accelerator 950 / integrated in 945GM / 250MHz	
Keyboard	Full-size keyboard / 6-row / 84-key / multimedia Fn keys / Buttons across top: on-off, Lenovo CareSM, instant on, mute, volume down, volume up	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)	
Dimensions ³	3-cell (WxDxH): 12.01"x 8.94"x 1.25"; 305.1mm x 227.0mm x 31.7mm 6-cell (WxDxH): 12.01"x 9.68"x 1.25"; 305.1mm x 246.0mm x 31.7mm	
Weight ²	with optical drive and battery: 4.0 lb (1.81kg) to 4.4 lb (1.99kg)	
Case	Color: silver top; black bottom; Material: ABS plastic	
Battery - type	Lithium Ion 3-cell or 6-cell / 2600 mAh / smart battery	
Battery - life ¹⁰	3-cell: up to 2.1 hr; 6 cell: up to 4.2 hr	
Chipset	Mobile Intel 945GM Express Chipset / 82945GM Graphics Memory Controller Hub / 82801GHM ICH7-M I/O Controller Hub (SATA300, ATA-100 EIDE, PCI Express x1, PCI bus, USB, LPC bus, Bluetooth, [fingerprint]) / PCI bus for Ricoh® R5C832 1394	
ExpressCard slot	One ExpressCard/54 / PCI Express x1 or USB 2.0 / integrated door	
Ports	5-in-1 Multicard Reader (MultiMedia Card, Memory Stick®, Memory Stick Pro™, Secure Digital, xD-Picture Card™) / IEEE 1394 (FireWire) / three USB 2.0 / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or parallel or serial ports (use USB)	
IEEE 1394	IEEE 1394 (FireWire 400) port / 4-pin connector / 1394a-2000 standard	
InstantON	Press button to load InterVideo InstantON music and movie player without loading OS	
Integrated camera	Camera on top of screen / 1.3-megapixel / fixed focus / internal USB 2.0	
Mini PCI Express	One Mini PCI Express slot / not customer upgradable	
Intel 11a/b/g ¹¹	Some: 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG	
Lenovo 11n ²⁸	Some: 11a/b/g/n wireless ⁴ , ThinkPad 11a/b/g/n Mini PCI Express Adapter, Atheros AR5008 chipset, MIMO 2x2	
Bluetooth™	Bluetooth 2.0 wireless / USB 2.0 interface via ICH7-M / LED indicator	
Modem	56K ⁶ V.90 (V.92-designed ¹⁵) modem / Agere® chipset / not customer accessible	
Ethernet	10/100 on systemboard / RealTek® RTL8100CL / PCI 2.3	
Audio support	Intel High Definition (HD) Audio, RealTek ALC883 codec / stereo speakers, 1 watt / volume, up, down, mute button / stereo microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Power-on password / hard disk password / supervisor password / security keyhole	
Fingerprint reader	Fingerprint reader on palm rest / swipe sensor / no preboot support	
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ onsite ¹³ pickup and delivery / service upgrades ²² available	Universal 65-watt AC adapter Wireless on/off switch RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378
512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	V100 Series Li-Ion Battery 3-cell 40Y8319
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	V100 Series Li-Ion Battery 6-cell 40Y8321
USB Portable Diskette Drive	05K9276	ThinkPad and Lenovo 65W AC Adapter 40Y7696
USB 2.0 Lenovo Multimedia Headset	40Y8518	ThinkPad and Lenovo 90W AC Adapter 40Y7659
USB 2.0 Lenovo Webcam	40Y8519	Lenovo 90W Slim AC/DC Combo Adapter 41N8460
USB 2.0 Essential Memory Key 2GB	41U4944	Lenovo Carrying Case - Messenger Max 41U5253
USB 2.0 Security Memory Key 4GB	41U5120	Lenovo Carrying Case - Top Loader 40Y8601
USB 2.0 Port Replicator with Video	40Y8132	Lenovo Case - Performance Backpack 41U5254
USB 2.0 Super Multi-Burner Drive	41N5565	ThinkVision® L171p 17" LCD Monitor 9417HC2
120GB Disk 9.5mm SATA150 (5400 rpm)	41N5691	ThinkVision L190x 19" LCD Monitor 4439HB2
160GB Disk 9.5mm SATA150 (5400 rpm)	41N5692	ThinkVision L193p 19" LCD Monitor 4431HB2
Optical 3-Button Travel Wheel Mouse	31P7410	ThinkVision L194 Wide 19" LCD Monitor 4434HB6
Lenovo Laser Mouse (USB, PS/2)	41U3074	ThinkVision L220x Wide 22" LCD Monitor 4433HB2
Kensington® MicroSaver® Security Cable	73P2582	Lenovo M500 Projector 0037A05
ExpressCard Gemplus Smart Card Reader	41N3043	Others at http://lenovo.com/accessories

See footnotes for important warranty information
 US models announced January 30, 2007
 US models withdrawn effective April 2008

* Intel Centrino® processor technology

© Lenovo
 (FS13-1) April 2008

Partial list of accessories supported on:

- **Lenovo 3000 C100** announced on February 23, 2006
- **Lenovo 3000 N100** announced on March 21, 2006
- **Lenovo 3000 V100** announced on May 16, 2006

Memory

512MB PC2-5300 DDR2 CL5 SODIMM	40Y7733	ann 01/05/06
1GB PC2-5300 DDR2 CL5 SODIMM	40Y7734	ann 01/05/06

Storage and removable storage
All models:

USB Portable Diskette Drive	05K9276	ann 06/05/00
USB 2.0 Essential Memory Key 1GB	41U4940	ann 01/23/07
USB 2.0 Essential Memory Key 2GB	41U4944	ann 01/23/07
USB 2.0 Security Memory Key 1GB	41U5118	ann 07/17/07
USB 2.0 Security Memory Key 2GB	41U5119	ann 07/17/07
USB 2.0 Security Memory Key 4GB	41U5120	ann 07/17/07
USB 2.0 CD-RW/DVD-ROM Combo II Drive	40Y8637	ann 01/05/06
USB 2.0 Portable 80GB Hard Disk	41N8378	ann 04/17/07
USB 2.0 Portable 120GB Hard Disk	41N8379	ann 04/17/07
USB 2.0 Super Multi-Burner Drive	41N5565	ann 01/23/07

N100 only (unique disks because different brackets):

120GB Disk 9.5mm SATA150 (5400 rpm)	41N5693	ann 03/20/07
-------------------------------------	---------	--------------

V100 only:

80GB Disk 9.5mm SATA150 (5400 rpm)	41N5662	ann 08/15/06
120GB Disk 9.5mm SATA150 (5400 rpm)	41N5691	ann 03/20/07
160GB Disk 9.5mm SATA150 (5400 rpm)	41N5692	ann 03/20/07

Expansion

Lenovo USB Port Replicator with Video	40Y8132	ann 02/23/06
ThinkPad Adjustable Notebook Stand	40Y7676	ann 09/20/05

External Keyboard

USB Numeric Keypad	33L3225	ann 05/01/00
Preferred Pro USB Keyboard	73P5220	ann 06/21/05
Enhanced Performance USB Keyboard	73P2620	ann 03/23/04
Enhanced Perf Wireless Keyboard and Mouse	73P4067	ann 12/07/04
USB Keyboard with UltraNav	31P8950	ann 01/28/03
USB Travel Keyboard with UltraNav	31P9490	ann 04/27/04

External Mouse

USB Optical Wheel Mouse	06P4069	ann 05/21/03
Optical 3-Button ScrollPoint® Mouse	31P7405	ann 08/27/02
Optical 3-Button Travel Wheel Mouse	31P7410	
Lenovo Laser Mouse (USB, PS/2)	41U3074	ann 01/23/07
Lenovo Bluetooth Laser Mouse	41U5008	ann 01/22/08

Data/Video Projectors

Lenovo M500 Projector	0037A05	ann 02/28/06
-----------------------	---------	--------------

Security

Kensington® Cable Lock from Lenovo	73P2582	ann 12/29/03
USB Gemplus GemPC Smart Card Reader	41N3040	ann 02/21/06
PC Card Gemplus Smart Card Reader	41N3004	ann 12/13/05

V100 only because of ExpressCard/54 slot:

ExpressCard Gemplus Smart Card Reader	41N3043	ann 06/27/06
---------------------------------------	---------	--------------

Multimedia

USB 2.0 Lenovo Multimedia Headset	40Y8518	ann 06/27/06
USB 2.0 Lenovo Webcam	40Y8519	ann 08/29/06

Power Accessories
C100 only:

Lenovo C100 Series Li-Ion Battery 8-cell	40Y8313	ann 02/23/06
--	---------	--------------

N100 only:

Lenovo N100 Series Li-Ion Battery 6-cell	40Y8315	ann 03/21/06
Lenovo N100 Series Li-Ion Battery 9-cell	40Y8317	ann 03/21/06

V100 only:

Lenovo V100 Series Li-Ion Battery 3-cell	40Y8319	ann 05/16/06
Lenovo V100 Series Li-Ion Battery 6-cell	40Y8321	ann 05/16/06

All models:

ThinkPad and Lenovo 65W AC Adapter	40Y7696	ann 09/20/05
ThinkPad and Lenovo 90W AC Adapter	40Y7659	ann 09/20/05
Lenovo 90W Slim AC/DC Combo Adapter	41N8460	ann 11/27/07
Belkin Surge Protector	31P7659	
Belkin 1 outlet Notebook Surge	31P7658	
Belkin Universal Notebook Travel Surge	22P7127	

Carrying Cases

Lenovo Carrying Case - Messenger	40Y8598	ann 02/23/06
Lenovo Carrying Case - Messenger Max	41U5253	ann 05/01/07
Lenovo Carrying Case - Top Loader	40Y8601	ann 02/23/06
Lenovo Carrying Case - Backpack	40Y8603	ann 02/23/06
Lenovo Carry Case - Performance Backpack	41U5254	ann 05/01/07

Monitors

Lenovo E75 17" CRT Monitor (16.0" vis) blk	6307BTN	ann 01/16/07
ThinkVision® L151 15" LCD Monitor	9165AC6	ann 10/23/07
ThinkVision L171 17" LCD Monitor	9227AD1	ann 10/23/07
ThinkVision L171p 17" LCD Monitor	9417HC2	ann 10/31/06
ThinkVision L190x 19" LCD Monitor	4439HB2	ann 10/23/07
ThinkVision L193p 19" LCD Monitor	4431HB2	ann 10/23/07
ThinkVision L194 Wide 19" LCD Monitor	4434HB6	ann 10/23/07
ThinkVision L220x Wide 22" LCD Monitor	4433HB2	ann 10/23/07

Monitor Accessories⁴⁶

ThinkVision USB Soundbar	40Y7616	ann 08/23/05
Kensington Cable Lock from Lenovo	73P2582	ann 12/29/03
ThinkPad Convertible Monitor Stand	40Y7620	ann 01/05/06
Radial Arm	19K4464	ann 05/05/00

⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.

 Other accessories at <http://lenovo.com/accessories>

 Accessories Guide pdf at <http://lenovo.com/accessoriesguide>

 Need to buy accessories no longer marketed by Lenovo? See www.itxchange.com/lenovo for the Options Continuation Program.

Lenovo CareSM maintenance services

 Warranty service upgrade:²²

1-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0547
2-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0548
2-year Parts and Labor (P&L) Pickup Depot	41K0545
3-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0549
3-year Parts and Labor (P&L) Pickup Depot	41K0546

 Post-warranty maintenance services:⁵

1-year maintenance Parts and Labor Pickup Depot SBD	41K0550
1-year maintenance 9x5 Next Business Day response	41K0551
2-year maintenance Parts and Labor Pickup Depot SBD	41K0552
2-year maintenance 9x5 Next Business Day response	41K0553

[SBD=Second Business Day average response]

 Lenovo Care maintenance services at <http://lenovo.com/warranty>

Type-model	Processor	GHz	Memory	Widescreen display	Screen type	Cam-era	Inte-grated graphics	SATA disk	EIDE optical	Mini PCIe 802.11 wireless	Blue-tooth	Finger-print reader	Bat-tery cells	Preload	Avail date
0764-2BU	Core 2 Duo T7100	1.80	1GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11a/b/g ¹¹	Blue	Fing	3	Home Prem	May 07
0764-2CU	Core 2 Duo T7300	2.00	1GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11a/b/g	Blue	Fing	6	Business 32	May 07
0764-2DU	Core 2 Duo T7300	2.00	2GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11n ²⁸	Blue	Fing	6	Ultimate 32	May 07
0764-2NU	Core 2 Duo T5250	1.50	2GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11n	Blue	Fing	6	Ultimate 32	July 07
0764-2PU	Core 2 Duo T5250	1.50	1GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11a/b/g	Blue	Fing	6	XP Pro	Oct 07
0764-2WU	Core 2 Duo T5550	1.83	1GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11a/b/g	Blue	Fing	3	XP Pro	Jan 08
0764-2XU	Core 2 Duo T5550	1.83	2GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11n	Blue	Fing	6	Business 32	Jan 08
0764-2YU	Core 2 Duo T5750	2.00	1GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11a/b/g	Blue	Fing	3	Business 32	Mar 08
• These models use a 12.1" widescreen display • Two-spindle (disk and optical) in an ultraportable • Multimedia ready: press button to load InterVideo InstantON music and movie player without loading OS															
Positioning Processor	<i>Widescreen ultraportable; two spindles</i> Intel® Core™ 2 Duo processor T5250, T5550, or T5750 with dual-core , Intel 64 Technology, Enhanced Intel SpeedStep® technology ¹ , Execute Disable Bit, 667MHz system bus, and 2MB shared L2 cache or Intel Core 2 Duo processor T7100 or T7300 with dual-core , Intel 64 Technology, Enhanced Intel SpeedStep technology ¹ , Intel Dynamic Acceleration, Execute Disable Bit, Virtualization Technology, and 800MHz system bus; T7100: 2MB L2 cache (shared); T7300: 4MB L2 cache (shared)										Preloaded operating system²⁰ - <i>Some:</i> Genuine Windows® XP Professional (preinstalled via downgrade rights in Windows Vista® Business) - <i>Some:</i> Genuine Windows Vista Home Premium 32 - <i>Some:</i> Genuine Windows Vista Business 32 - <i>Some:</i> Genuine Windows Vista Ultimate 32 ◇ <i>2YU model:</i> Vista Basic logo ◇ <i>Other Vista models:</i> Vista Premium logo				
Memory	1GB or 2GB std / 4GB max ⁷ / PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; one socket available														
Diskette drive	None														
EIDE DVD±RW	DVD burner, DL support, fixed, not removable, 12.7mm high														
SATA disk	160GB⁸ (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable and upgradable														
Widescreen display	12.1" (307.3mm) WXGA (1280x800) TFT color, VibrantView (glossy), CCFL backlight, 180 nits, 16:9 aspect ratio, 400:1 contrast ratio, no latch open-close mechanism														
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, internal USB 2.0														
Graphics	Intel Graphics Media Accelerator X3100 , in GM965														
Keyboard	Full-size keyboard, 6-row, 84-key, multimedia Fn keys; <i>Buttons across top:</i> on-off, Lenovo Care SM , instant on, mute, volume down, volume up														
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)														
InstantON	Press button to load InterVideo InstantON music and movie player without loading OS														
Dimensions ³	<i>3-cell (WxDxH):</i> 12.01"x 8.94"x 1.25"; 305.1mm x 227.0mm x 31.7mm <i>6-cell (WxDxH):</i> 12.01"x 9.68"x 1.25"; 305.1mm x 246.0mm x 31.7mm with optical drive and battery: 4.0 lb (1.81kg) to 4.4 lb (1.99kg)														
Weight ²															
Case color	Silver top; black bottom														
Case material	ABS plastic														
Battery - type	Lithium Ion 3-cell or 6-cell, 2600 mAH, smart battery														
Battery - life ¹⁰	<i>3-cell:</i> up to 2.1 hr; <i>6 cell:</i> up to 4.2 hr														
Chipset	Mobile Intel GM965 Express Chipset (Graphics Memory Controller Hub); ICH8M I/O Controller Hub (SATA 3.0Gb/s, ATA-100 EIDE, USB 2.0, PCI Express® 1.1, PCI 2.3), LPC bus (ENE KB925 Super I/O)														
ExpressCard/54	One slot (ExpressCard/34, ExpressCard/54)														
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital, xD-Picture Card™)														
Ports	Three USB 2.0, external monitor (VGA DB-15), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)														
Mini PCI Express	One Mini PCI Express slot, not customer upgradable														
Intel 11a/b/g ¹¹	<i>Some:</i> 11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG														
Intel 11n ²⁸	<i>Some:</i> 11a/b/g/n wireless ⁴ , Mini PCI Express adapter, Intel Wireless WiFi Link 4965AGN, MIMO 2x3 (Kedron)														
Bluetooth™	Bluetooth 2.0 wireless, USB 2.0 interface via ICH8M, LED indicator														
Modem	56K V.92 ⁶ modem														
Ethernet	10/100 ethernet, Broadcom® BCM5906M, PCI Express x1														
Audio support	Intel High Definition (HD) Audio, Conexant® CX20549 codec / stereo speakers, 1 watt / volume, up, down, mute button / stereo microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)														
Security	Power-on password, hard disk password, supervisor password, security keyhole														
Fingerprint reader	Fingerprint reader on palm rest , swipe sensor, no preboot support														
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ depot repair service / service upgrades ²² available														
1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999	V100 Series Li-Ion Battery 3-cell	40Y8319												
2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000	V100 Series Li-Ion Battery 6-cell	40Y8321												
USB 2.0 Essential Memory Key 8GB	45J7905	ThinkPad and Lenovo 65W AC Adapter	40Y7696												
160GB Disk 9.5mm SATA 1.5Gb/s (5400 rpm)	41N5692	ThinkPad and Lenovo 90W AC Adapter	40Y7659												
Lenovo Laser Mouse (USB)	41U3074	90W Ultraslim AC/DC Combo Adapter	41R4493												
Kensington® MicroSaver® Cable Lock	73P2582	Lenovo Carrying Case - Messenger Max	41U5253												
		Lenovo Case - Performance Backpack	41U5254												
		Others at http://lenovo.com/accessories													
												Universal 65-watt AC adapter Wireless on/off switch RoHS-compliant ENERGY STAR® 4.0-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378			
												Lenovo Care SM 1-year LOR 9x5 NBD 41K0547			
												Lenovo Care 2-year LOR 9x5 NBD 41K0548			
												Lenovo Care 2-year P&L PU Depot 41K0545			
												Lenovo Care 3-year LOR 9x5 NBD 41K0549			
												Lenovo Care 3-year P&L PU Depot 41K0546			

See footnotes for important warranty information
 US models announced on May 22, July 17, or October 2, 2007, or January 8 or March 18, 2008
 US models withdrawn effective December 2007, May 2008, or July 2010

Partial list of accessories supported on:
• Lenovo V200 announced on May 22, 2007

Memory

1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999	ann 03/25/08
2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000	ann 03/25/08

Storage and removable storage

USB 2.0 Essential Memory Key 4GB	45J7904	ann 06/24/08
USB 2.0 Essential Memory Key 8GB	45J7905	ann 07/15/08
USB 2.0 Essential Memory Key 32GB	45K1258	ann 10/28/08
USB 2.0 Ultra Secure Memory Key 1GB	45J5915	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 2GB	45J5916	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 4GB	45J5917	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 8GB	45J5918	ann 08/26/08
USB 2.0 Portable Secure 160GB Hard Disk	43R2018	ann 11/18/08
USB 2.0 Portable Secure 320GB Hard Disk	43R2019	ann 11/18/08
USB 2.0 Portable 500GB Hard Disk	45K1690	ann 05/26/09
160GB Disk 9.5mm SATA 1.5Gb/s (5400 rpm)	41N5692	ann 03/20/07

Keyboard

USB Numeric Keypad	33L3225	ann 05/01/00
Preferred Pro USB Keyboard	73P5220	ann 06/21/05
Enhanced Performance USB Keyboard	73P2620	ann 03/23/04
Ultraslim Wireless Keyboard and Mouse ⁵²	57Y4700	ann 09/15/09
⁵² Wireless via 2.4GHz technology using a micro-size USB receiver.		

Mouse

Lenovo Optical Mouse (USB)	06P4069	ann 05/21/03
Lenovo ScrollPoint® Mouse (USB, Optical)	31P7405	ann 08/27/02
ThinkPad Travel Mouse (USB, Optical)	31P7410	ann 06/04/02
Lenovo Laser Mouse (USB)	41U3074	ann 01/23/07
Lenovo Wireless Laser Mouse - Black ⁵²	45K1696	ann 11/25/08
Lenovo Wireless Laser Mouse - Red/Black ⁵²	51J0198	ann 11/25/08
ThinkPad® Bluetooth Laser Mouse	41U5008	ann 01/22/08

Security

Kensington® MicroSaver® Cable Lock	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
USB Gemplus GemPC Smart Card Reader	41N3040	ann 02/21/06
<i>ExpressCard/54 slot:</i>		
ExpressCard Gemplus Smart Card Reader	41N3043	ann 06/27/06

Power Accessories

Lenovo V100 Series Li-Ion Battery 3-cell	40Y8319	ann 05/16/06
Lenovo V100 Series Li-Ion Battery 6-cell	40Y8321	ann 05/16/06
ThinkPad and Lenovo 65W AC Adapter	40Y7696	ann 09/20/05
ThinkPad and Lenovo 90W AC Adapter	40Y7659	ann 09/20/05
90W Ultraslim AC/DC Combo Adapter	41R4493	ann 09/22/09
Belkin Surge Protector	31P7659	
Belkin 1 outlet Notebook Surge	31P7658	

Carrying Cases

Lenovo Carrying Case - Messenger Max	41U5253	ann 05/01/07
Lenovo Carry Case - Performance Backpack	41U5254	ann 05/01/07
Lenovo Standard Case	45K1697	ann 11/25/08
Lenovo Standard Backpack	45K1698	ann 11/25/08

Monitors

ThinkVision® L1711p 17" Monitor	5047HB2	ann 10/20/09
ThinkVision L1900p 19" Monitor	4431HE1	ann 11/11/08
ThinkVision L1951p Wide 19" Monitor	2448HB6	ann 10/20/09
ThinkVision L2250p Wide 22" Monitor	2572HB6	ann 10/20/09
ThinkVision L2251p Wide 22" Monitor	2572HD6	ann 10/20/09
ThinkVision L2251x Wide 22" Monitor	2578HB6	ann 10/20/09
ThinkVision L2440p Wide 24" Monitor	4420HB2	ann 09/17/08

Monitor Accessories⁴⁶

ThinkVision USB Soundbar	40Y7616	ann 08/23/05
ThinkVision Soundbar	45K1263	ann 09/16/08
Kensington MicroSaver Cable Lock	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
Lenovo Easy Reach Monitor Stand	55Y9258	ann 09/22/09
Radial Arm	19K4464	ann 05/05/00

⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.

More information at www.lenovo.com/support/monitoraccessories

Medialess License Key (MLK)

Microsoft® Office 2007 Basic, English	43R1528	ann 01/31/07
Microsoft Office 2007 Small Business, Engl	43R1534	ann 01/31/07
Microsoft Office 2007 Professional, English	43R1531	ann 01/31/07

Other accessories at www.lenovo.com/accessories

Accessories Guide pdf at www.lenovo.com/accessoriesguide

Lenovo CareSM maintenance services**Warranty service upgrade:²²**

1-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0547
2-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0548
2-year Parts and Labor (P&L) Pickup Depot	41K0545
3-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0549
3-year Parts and Labor (P&L) Pickup Depot	41K0546

Post-warranty maintenance services:⁵

1-year maintenance Parts and Labor Pickup Depot SBD	41K0550
1-year maintenance 9x5 Next Business Day response	41K0551
2-year maintenance Parts and Labor Pickup Depot SBD	41K0552
2-year maintenance 9x5 Next Business Day response	41K0553
[SBD=Second Business Day average response]	

Lenovo Care maintenance services at www.lenovo.com/warranty

lenovo



Lenovo N500



Lenovo N500



Lenovo N500



Lenovo N500

Type-model	Proc- essor	GHz	Memory	Wide- screen display	Screen type	Cam- era	Inte- grated graphics	Disk SATA GB ⁸ rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Mini PCIe UWB or Turbo	Blue/ Fing	Bat- tery cells	Preload	Avail date
4233-52U	Cel 575	2.00	1GB	15.4"	WXGA	Glossy	Cam	GMA	160G 5400	DVD±RW	Lenovo 11b/g ¹¹	None	None	No	6 Home B	Nov 08
4233-53U	T3200	2.00	1GB	15.4"	WXGA	Glossy	Cam	GMA	160G 5400	DVD±RW	Lenovo 11b/g	None	None	No	6 Bus 32	Nov 08
4233-54U	T3400	2.16	2GB	15.4"	WXGA	Glossy	Cam	GMA	250G 5400	DVD±RW	Lenovo 11b/g	None	None	No	6 Bus 32	Nov 08
4233-62U	T3200	2.00	1GB	15.4"	WXGA	Glossy	Cam	GMA	160G 5400	DVD±RW	Lenovo 11b/g	None	None	No	6 XP Pro	Nov 08
4233-63U	T3400	2.16	2GB	15.4"	WXGA	Glossy	Cam	GMA	250G 5400	DVD±RW	Lenovo 11b/g	None	None	No	6 XP Pro	Nov 08
4233-6BU	T3400	2.16	1GB	15.4"	WXGA	Glossy	Cam	GMA	160G 5400	DVD±RW	Lenovo 11b/g	None	None	No	6 XP Pro	Jan 09

• These Lenovo N500 models use a 15.4" widescreen display

Processor	Intel® Celeron® Processor 575 with single-core, 667MHz system bus, and 1MB L2 cache or Intel Pentium® processor T3200 or T3400 with dual-core, 667MHz system bus, and 1MB L2 cache			Preloaded operating system ²⁰ - <i>Some:</i> Genuine Windows® XP Professional (preinstalled via downgrade rights in Windows Vista® Business <i>Some:</i> Genuine Windows Vista Home Basic 32 - <i>Some:</i> Genuine Windows Vista Business 32 ✧ Vista Basic logo Preloaded applications ¹⁴ • Lenovo Care™ Tools • Rescue and Recovery™ • Access Connections™ • System Update • Norton Internet Security™ (90 days of virus definitions) • PC-Doctor™ (diagnostics) • ThinkPad Utilities (Power Manager and Presentation Director) • Adobe® Reader • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • Roxio® Creator® Small Business Edition • Corel WinDVD® (DVD±RW)		
Memory	1GB or 2GB std / 4GB max ⁷ / PC2-5300 667MHz DDR2, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Non-italics:</i> standard memory in one socket; one socket available					
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 160GB ⁸ (5400 rpm) or 250GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable					
Widescreen display Camera	15.4" (391.2mm) WXGA (1280x800) color, VibrantView (glossy), CCFL backlight, 185 nits, 16:10 aspect ratio, 400:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus					
Integrated graphics	Intel Graphics Media Accelerator 4500M (GMA 4500M), in GL40, HDMI port supporting HDCP to output protected content <i>Max external resolution:</i> 2048x1536@75Hz (DB-15 port); 1920x1080 (HDMI port)					
Keyboard Touch controls Touch pad	Full-size keyboard, 6-row, Lenovo Care button, multimedia Fn keys, Windows/Appl keys Touch-sensitive audio control panel (Mute, vol up, vol down, enable/disable touchpad) Two-button touch pad with scroll feature (no TrackPoint®)					
Dimensions ³ Weight ² Case color Case material Battery - type Battery - life ¹⁰	6-cell 15.4W" (WxDxH): 14.1" x 10.1" x 1.22–1.46"; 358.5 x 256.5mm x 31–37mm 6-cell: starting at 5.95 lb (2.7kg) Silver top cover; black bottom Scratch-resistant ABS plastic Lithium Ion 6-cell 6-cell: up to 3.8 hr					
Chipset	Mobile Intel GL40 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, security chip, ethernet MAC) One slot (ExpressCard/34, ExpressCard/54) 4-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital) None None Four USB 2.0, external monitor (VGA DB-15, HDMI), modem (RJ-11), ethernet (RJ-45)					
ExpressCard/54 Multicard reader PC Card Smart Card read Ports						
Mini PCI Express Lenovo 11b/g ¹¹ WWAN upg 2G Turbo UWB Modem Bluetooth™ Ethernet Intel AMT Audio support	One Mini PCI Express slot 11b/g wireless ⁴ , Lenovo 11b/g Mini PCI Express Adapter, Broadcom® chipset None None None 56K V.92 ⁶ modem None 10/100 ethernet, Broadcom® BCM5906M None High Definition (HD) Audio, CX20561-15Z codec / stereo speakers, 2 watt / volume up, down, mute buttons / microphone, mic input jack, headphone jack Power-on password, hard disk password, supervisor password, security keyhole None None					
Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole None None					
Limited warranty ¹²	1-year - EasyServ™ ¹⁹ depot repair service / service upgrades ²² available					
1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999	N500/G500 Series Li-Ion Battery 6-cell	51J0226			
2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000	N500/G500 Series 90W AC Adapter	41R4515			
USB 2.0 Essential Memory Key 8GB	45J7905	Lenovo 90W AC Adapter for Y Series	41R4322			
USB 2.0 Essential Memory Key 32GB	45K1258	Business Topload Case	43R2476			
USB 2.0 Portable Secure 320GB Hard Disk	43R2019	Lenovo Essential Notebook Stand	45J9292			
USB 2.0 Lenovo Webcam	40Y8519	ThinkVision® L2240p Wide 22" Monitor	4422HB6			
USB Port Replicator with Digital Video	45K1610	ThinkVision L2440x Wide 24" Monitor	4421HB2			
Lenovo Wireless Laser Mouse - Black	45K1696	Other accessories at lenovo.com/accessories				

See footnotes for important warranty information
 US model announced November 11 or November 25, 2008 or January 6, 2009
 US models withdrawn effective October 2009

© Lenovo
 (DOV1-1) November 2009

Part number	Processor	GHz	Memory	Widescreen display	Cam-era	Inte-grated graphics	SATA disk	EIDE optical	Mini PCIe 802.11 wireless	Blue-tooth	Finger-print reader	Chip-set	Vista preload	Avail date
59-011896	Pentium T2310	1.46	1GB	14.1" WXGA	Cam	GMA	160G ⁸	DVD±RW	Intel 11a/b/g ¹¹	None	None	GM	Home Prem	Oct 07
59-011843	Core 2 Duo T5250	1.50	2GB	14.1" WXGA	Cam	GMA	160G	DVD±RW	*Intel 11a/b/g	None	None	GM	Home Prem	Oct 07
59-011897	Core 2 Duo T5450	1.66	2GB	14.1" WXGA	Cam	GMA	160G	DVD±RW	*Intel 11a/b/g	None	None	GM	Home Prem	Oct 07
• 14.1" widescreen display • Dolby Home Theater premium audio system with subwoofer • Audio DJ plays CDs without booting the system • Shuttle Center offers a one-stop, total entertainment environment with Shuttle Key that puts volume and equalizer controls on the keyboard														
Positioning Processor	Widescreen flexibility; two-spindle Intel® Pentium® Processor T2310 with dual-core, Enhanced Intel SpeedStep® technology ¹ , Execute Disable Bit, 533MHz system bus, and 1MB shared L2 cache or Intel Core™ 2 Duo processor T5250 or T5450 with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep technology ¹ , Execute Disable Bit, 667MHz system bus, and 2MB shared L2 cache										Preloaded operating system ²⁰ - Genuine Windows® Vista® Home Premium 32 ✧ Vista Premium logo Preloaded applications ¹⁴ • OneKey Recovery • Norton Internet Security™ (90 days of virus definitions) • Power 2Go (DVD±RW) • Adobe® Reader • Windows Live™ Toolbar • Picasa from Google • Shuttle Center (DVD±RW) • EasyCapture • Microsoft® Office 2007 Trial (60-day) • VeriFace • Earth Link • Lenovo AnyComm			
Memory	1GB or 2GB std / 4GB max ⁷ / PC2-5300 667MHz DDR2, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; Italics: standard memory in both sockets; no sockets available													
Diskette drive	None													
EIDE DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high													
SATA disk	160GB ⁸ (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable and upgradable													
Widescreen display	14.1" (358.1mm) WXGA (1280x800) TFT color, VibrantView (glossy), CCFL backlight, 185 nits, 16:10 aspect ratio, 400:1 contrast ratio													
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, internal USB 2.0													
Graphics	Intel Graphics Media Accelerator X3100, in GM965													
Keyboard	Full-size keyboard, 6-row, 84-key, multimedia Fn keys,													
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)													
Dimensions ³	(WxDxH): 13.4" x 10.0" x 1.1" to 1.5"; 340mm x 253mm x 27 to 37mm													
Weight ²	with optical drive and battery: 6-cell: 5.2 lb (2.4 kg)													
Case color	Silver top; silver bottom													
Case material	ABS plastic													
Battery - type	Lithium Ion 6-cell, smart battery													
Battery - life ¹⁰	Up to 3.5 hr													
Chipset	Mobile Intel GM965 Express Chipset (Graphics Memory Controller Hub); ICH8M I/O Controller Hub (SATA 3.0Gb/s, ATA-100 EIDE, USB 2.0, PCI Express® 1.1, PCI 2.3), LPC bus (ENE KB925 Super I/O)													
ExpressCard/54	One slot (ExpressCard/34, ExpressCard/54)													
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)													
Ports	Three USB 2.0, external monitor (VGA DB-15), S-video out port (TV-out), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)													
InstantON	Press button to support instant on CD play without loading OS													
Video out	S-video out port (TV-out), one 7-pin industry standard connector													
Mini PCI Express	One Mini PCI Express slot, not customer upgradable													
Intel 11a/b/g	11a/b/g wireless ⁴ , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG													
Bluetooth™	None													
Modem	56K V.92 ⁶ modem, not customer accessible													
Ethernet	10/100 ethernet, Broadcom® BCM5906M, PCI 2.3													
Audio support	Intel High Definition (HD) Audio, RealTek® ALC262 codec / two stereo speakers, 2 watt, and subwoofer, 2 watt, Dolby Home Theater Technology / Audio DJ button, mute button / stereo microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm)													
Security	Power-on password, hard disk password, supervisor password, security lockhole													
Fingerprint reader	None													
Limited warranty ¹²	1-year - Depot Service ¹⁹ , onsite ¹³ pickup and delivery via 1-877-453-6686													
1GB PC2-5300 DDR2 SODIMM (TopSeller)43R1999						Lenovo Y Series 90W AC Adapter				41R4322	65-watt AC adapter (GMA X3100 graphics models) Wireless on/off switch RoHS-compliant ENERGY STAR® 4.0-compliant			
2GB PC2-5300 DDR2 SODIMM (TopSeller)43R2000						Lenovo 90W AC Adapter				45J7717				
USB 2.0 Essential Memory Key 4GB						45J7904				41N5677				
USB 2.0 Essential Memory Key 8GB						45J7905				41U5253				
USB 2.0 Essential Memory Key 32GB						45K1258				41U5254				
USB 2.0 Lenovo Multimedia Headset						41N5678				73P2582				
Enh Perf Wireless Keyboard and Mouse						41N5672								
Lenovo Y410 Battery 6-Cell						43R1955								

See footnotes for important warranty information
 US models announced October 9, 2007
 US models withdrawn effective Apr 2010

* Intel Centrino® processor technology

© Lenovo
 (ALK2-1) Apr 2010

lenovo



Lenovo G530



Lenovo G530



Lenovo G530



Lenovo G530

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Blue-tooth	Battery cells	Vista preload	Avail date
4151-X2U	T3400	2.16	2GB	15.4" WXGA	Cam	GMA	160GB ⁸	DVD±RW	Lenovo 11b/g ¹¹	Black	None	6-cell	Basic	Mar 09
4151-38U	T3400	2.16	3GB	15.4" WXGA	Cam	GMA	160GB	DVD±RW	Lenovo 11b/g	Black	None	4-cell	Prem 32	Jan 09
4151-3BU	T3400	2.16	3GB	15.4" WXGA	Cam	GMA	250GB	DVD±RW	Lenovo 11b/g	Black	None	4-cell	Prem 32	Mar 09
4151-X3U	T3400	2.16	3GB	15.4" WXGA	Cam	GMA	250GB	DVD±RW	Lenovo 11b/g	Black	None	6-cell	Prem 32	Mar 09
4151-93U	T4200	2.00	3GB	15.4" WXGA	Cam	GMA	250GB	DVD±RW	Lenovo 11b/g	Black	None	6-cell	Prem 32	Oct 09

- **15.4" widescreen, glossy display**
- **Bold black color with piano finish**
- **Integrated 0.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face.**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Positioning Processor	Widescreen flexibility; two-spindle Intel® Pentium® Processor T3400 or T4200 with dual-core, T3400: 667MHz system bus, T4200: 800MHz system bus; and 1MB L2 cache		Preloaded operating system ²⁰ - Some: Genuine Windows® Vista® Home Basic 32 - Some: Genuine Windows Vista Home Premium 32 ✧ 4151-X2U: Vista Basic logo ✧ Others: Vista Premium logo	
Memory	2GB or 3GB std / 4GB max ³¹ / PC2-5300 667MHz DDR2, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Italics: standard memory in both sockets; no sockets available</i>		Preloaded applications ¹⁴ (only some listed) • Lenovo™ OneKey Recovery • Lenovo ReadyComm • Norton Internet Security™ (90 days of virus definitions) • Adobe® Reader • Windows Live™ Toolbar • Easy Capture • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)	
Diskette drive	None			
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in			
SATA disk	160GB (5400 rpm) or 250GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable			
Widescreen display	15.4" (391.2mm) WXGA (1280x800) TFT color, VibrantView (glossy), CCFL backlight, 200 nits, 16:10 aspect ratio, 400:1 contrast ratio			
Camera	Camera on top of screen, 0.3-megapixel, fixed focus		65-watt AC adapter Wireless on/off switch RoHS-compliant	
Integrated graphics	Intel Graphics Media Accelerator 4500M (GMA 4500M), in GL40, Max external resolution: 2048x1536@75Hz (DB-15 port)			
Keyboard	Full-size keyboard, 6-row, 84-key, multimedia Fn keys, recovery key		Limited Warranty ¹² ⇨ 1-year parts and labor ⇨ Depot repair service ¹⁹ ⇨ Service upgrade options (in eligible locations): ⁹ • 1-year Onsite with accidental damage protection 78Y1533 • 3-year Lenovo Onsite Repair ¹³ 9x5 Next Business Day 78Y1540 • 3-year Lenovo Onsite Repair ¹³ 9x5 Next Business Day with accidental damage protection 78Y1541 ⇨ 24x7 ¹⁶ toll-free support for warranty issues during the warranty period ¹² via 877-453-6686	
Multimedia controls	Touch-sensitive volume control panel with one user defined button			
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)			
Dimensions ³	(WxDxH): 14.1" x 10.1" x 1.22" to 1.46"; 358.5mm x 256.5mm x 31 to 37mm			
Weight ²	with optical drive and battery: 6-cell: 5.95 lb (2.7 kg)			
Case color	Black top, black bottom			
Case material	ABS plastic; Palm rest: ABS plastic			
Battery - type	Lithium Ion 4-cell or 6-cell			
Battery - life ¹⁰	4-cell: Up to 2.5 hr; 6-cell: up to 4.5 hr			
Chipset	Mobile Intel GL40 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)			
ExpressCard/54	One slot (ExpressCard/34, ExpressCard/54)			
Multicard reader	None			
Ports	Four USB 2.0, external monitor (VGA DB-15), modem (RJ-11), ethernet (RJ-45)			
TV tuner	None			
Mini PCI Express	One Mini PCI Express slot			
Lenovo 11b/g ¹¹	11b/g wireless ⁴ , Lenovo 11b/g Mini PCI Express Adapter, Broadcom® BCM4312			
Bluetooth™	None			
Modem	56K ⁶ V.92 ¹⁵ modem			
Ethernet	10/100 ethernet, Broadcom® BCM5906M			
Audio support	High Definition (HD) Audio, CX20561-15Z codec / two main speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)			
Security	Power-on password, hard disk password, supervisor password, security lockhole,			
Fingerprint reader	None			

See footnotes for important warranty information

US model announced January 27, March 17, or September 30, 2009

US model withdrawn effective March 2009 or February 2011

 © Lenovo
 (ACN1-1) February 2011

Lenovo® G530 (4151) - GMA (Windows 7) - web only models - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Blue-tooth	Battery cells	Win7 preload	Avail date
4151-A2U	T4400	2.20	3GB	15.4" WXGA	0.3M	GMA	160GB ⁸	DVD±RW	Lenovo 11b/g ¹¹	Black	None	6-cell	Prem 32	Feb 10
• 15.4" widescreen, glossy display • Integrated 0.3 megapixel camera														
Positioning Processor	<i>Widescreen flexibility; two-spindle</i> Intel® Pentium® Processor T4400 with dual-core , 800MHz system bus, and 1MB L2 cache									Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 32				
Memory	3GB std / 4GB max ³¹ / PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available									Preloaded applications¹⁴ (only some listed) • Lenovo™ OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • Windows Live™ Toolbar • Easy Capture • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)				
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 160GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high									65-watt AC adapter Wireless on/off switch RoHS-compliant				
Widescreen display Camera	15.4" (391.2mm) WXGA (1280x800) TFT color, VibrantView (glossy), CCFL backlight, 200 nits, 16:10 aspect ratio, 400:1 contrast ratio Camera on top of screen, 0.3-megapixel, fixed focus													
Integrated graphics	Intel Graphics Media Accelerator 4500M (GMA 4500M) , in GL40, <i>Max external resolution: 2048x1536@75Hz</i> (DB-15 port)									Limited Warranty¹² ➤ 1-year parts and labor ➤ Depot repair service¹⁹ ➤ Service upgrade options (in eligible locations): ⁹ • 1-year Onsite with accidental damage protection 78Y1533 • 3-year Lenovo Onsite Repair¹³ 9x5 Next Business Day 78Y1540 • 3-year Lenovo Onsite Repair¹³ 9x5 Next Business Day with accidental damage protection 78Y1541 ➤ 24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686				
Keyboard Touch pad	Full-size keyboard, 6-row, 84-key, multimedia Fn keys, recovery key Two-button touch pad with scroll feature (no TrackPoint®)													
Dimensions ³ Weight ²	(WxDxH): 14.1" x 10.1" x 1.22" to 1.46"; 358.5mm x 256.5mm x 31 to 37mm with optical drive and battery: 6-cell: 5.95 lb (2.7 kg)													
Case color	Black top, black bottom													
Case material	ABS plastic; <i>Palm rest:</i> ABS plastic													
Battery - type	Lithium Ion 6-cell													
Battery - life ¹⁰	6-cell: up to 3 hr													
Chipset	Mobile Intel GL40 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub													
ExpressCard/54	None													
Multicard reader	None													
Ports	Two USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)													
TV tuner	None													
PCIe Mini Card	One PCI Express Mini Card slot													
Lenovo 11b/g ¹¹	11b/g wireless ⁴ , Lenovo 11b/g PCIe Mini Card, Broadcom® BCM4312													
Bluetooth™	None													
Modem	None													
Ethernet	10/100 ethernet													
Audio support	High Definition (HD) Audio/ two main speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)													
Security	Power-on password, supervisor password, security lockhole													
Fingerprint reader	None													

See footnotes for important warranty information
 US model announced June 3, 2010
 US model withdrawn effective February 2011

© Lenovo
 (ACN1-2) February 2011

Type-model	Proc- essor	GHz	Memory	Widescreen display	Camera (mega- pixel)	Integrated graphics	Chipset	Disk SATA GB ⁸ rpm	SATA optical	Mini PCIe 802.11 wireless	Blue- tooth	Battery cells	Preload	Avail date
4446-34U	Cel 900	2.20	2GB	15.4" WXGA	0.3	GMA 4500M	GL40	160G 5400	DVD±RW	RealTek b/g	None	6	Home B	Sep 09
4446-23U	T3400	2.16	2GB	15.4" WXGA	0.3	GMA 4500M	GL40	160G 5400	DVD±RW	RealTek b/g ¹¹	None	6	Home B	Mar 09
4446-24U	T3400	2.16	3GB	15.4" WXGA	0.3	GMA 4500M	GL40	250G 5400	DVD±RW	RealTek b/g	None	6	Prem 32	Mar 09
4446-35U	T4200	2.00	2GB	15.4" WXGA	0.3	GMA 4500M	GL40	160G 5400	DVD±RW	RealTek b/g	None	6	Home B	Sep 09
4446-3JU	T4200	2.00	2GB	15.4" WXGA	0.3	GMA 4500M	GL40	160G 5400	DVD±RW	RealTek b/g	None	6	Prem 32	Sep 09
4446-3GU	T4200	2.00	2GB	15.4" WXGA	0.3	GMA 4500M	GL40	250G 5400	DVD±RW	RealTek b/g	None	6	XP Pro	Sep 09
4446-36U	T4200	2.00	3GB	15.4" WXGA	0.3	GMA 4500M	GL40	250G 5400	DVD±RW	RealTek b/g	None	6	Prem 32	Sep 09
4446-25U	T6400	2.00	3GB	15.4" WXGA	1.3	GMA 4500MHD	GM45	250G 5400	DVD±RW	* Intel 5100 ²⁸	None	6	XP Pro	Mar 09
4446-38U	T6500	2.10	3GB	15.4" WXGA	1.3	GMA 4500MHD	GM45	250G 5400	DVD±RW	* Intel 5100	None	6	XP Pro	Sep 09

- 15.4" widescreen, glossy display
- Matte black finish

Processor	Intel® Celeron® Processor 900 with single-core, 800MHz system bus, and 1MB L2 cache or Intel Pentium® Processor T3400 or T4200 with dual-core, 1MB L2 cache, T3400: 667MHz system bus; T4200: 800MHz system bus or Intel Core™ 2 Duo processor T6400 or T6500 with dual-core, 800MHz system bus, and 2MB L2 cache		Preloaded operating system ²⁰ - Some: Genuine Windows® XP Professional (preinstalled via downgrade rights in Windows Vista® Business - Some: Genuine Windows Vista Home Basic 32 - Some: Genuine Windows Vista Home Premium 32 Preloaded applications ¹⁴ • Lenovo Care™ Tools - Rescue and Recovery™ - Access Connections™ - Presentation Director • Easy Capture • Adobe® Reader • Norton Internet Security™ (90 days of virus definitions) • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • Roxio® Creator® Small Business Edition • InterVideo WinDVD® (DVD±RW)	
Memory	2GB or 3GB std / 4GB max ⁷ / PC2-5300 667MHz DDR2, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; Italics: standard memory in both sockets; no sockets available; Non-italics: standard memory in one socket; one socket available			
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 160GB ⁸ (5400 rpm) or 250GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable			
Widescreen display	15.4" (391.2mm) WXGA (1280x800) color, VibrantView (glossy), CCFL backlight, 200 nits, 16:10 aspect ratio, 400:1 contrast ratio Some: camera on top of screen, 0.3-megapixel, fixed focus Some: camera on top of screen, 1.3-megapixel, fixed focus			
Camera				
Integrated graphics	Some: Intel Graphics Media Accelerator 4500M (GMA 4500M), in GL40 Some: Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD), in GM45, All: Max external resolution: 2048x1536@75Hz (DB-15 port)			
Keyboard	Full-size keyboard, 6-row, Lenovo Care button, multimedia Fn keys, Windows/Appl keys		65-watt (GMA graphics) AC adapter Wireless on/off switch RoHS-compliant	
Touch controls	Touch-sensitive volume control panel with one user defined button			
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)			
Dimensions ³	6-cell 15.4W" (WxDxH): 14.1" x 10.1" x 1.22–1.46"; 358.5 x 256.5mm x 31–37mm			
Weight ²	6-cell: starting at 5.95 lb (2.7kg)			
Case color	Matte black finish			
Case material	ABS plastic			
Battery - type	Lithium Ion 6-cell			
Battery - life ¹⁰	6-cell: up to 4.5 hr			
Chipset	Mobile Intel GL40/GM45 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)			
ExpressCard/54	One slot (ExpressCard/34, ExpressCard/54)			
Multicard reader	4-in-1 reader (Memory Stick, Memory Stick PRO™, Secure Digital, xD-Picture Card™)			
PC Card	None			
Smart Card read	None			
Ports	Four USB 2.0, external monitor (VGA DB-15), modem (RJ-11), ethernet (RJ-45)			
Mini PCI Express	One Mini PCI Express slot			
RealTek b/g ¹¹	Some: 11b/g wireless ⁴ , Mini PCI Express Adapter, RealTek chipset			
Intel 5100 ²⁸	Some: 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)			
WWAN upg	None			
UWB	None			
Modem	56K V.92 ⁶ modem		➤ Service upgrade options (in eligible locations): ⁹ • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ➤ Toll-free support for warranty issues during the warranty period ¹² via 877-453-6686	
Bluetooth™	None			
Ethernet	10/100 ethernet, Broadcom® BCM5906M			
Intel AMT	None			
Audio support	High Definition (HD) Audio, CX20561-15Z codec / stereo speakers, 2 watt / volume up, down, mute buttons / microphone, mic input jack, headphone jack			
Security	Power-on password, hard disk password, supervisor password, security keyhole			
Security chip	None			
Fingerprint reader	None			
USB Port Replicator with Digital Video	45K1610	Lenovo Carrying Case - Messenger Max 41U5253		
ThinkPad Travel Mouse (USB, Optical)	31P7410	Lenovo Case - Performance Backpack 41U5254		
Lenovo Wireless Laser Mouse - Black	45K1696	Lenovo Essential Notebook Stand 45J9292		
Lenovo Wireless Laser Mouse - Red/Black	51J0198	Kensington® MicroSaver® Cable Lock 73P2582		
N500/G530 Series Li-Ion Battery 6-cell	51J0226	Kensington Twin Head Cable Lock 45K1620		
Lenovo G430/530/450/550 Battery 6-cell	57Y6266	Other accessories at lenovo.com/accessories		
N500/G500 Series 90W AC Adapter	41R4515			

See footnotes for important warranty information

* Intel Centrino® processor technology

US models announced March 31 or September 10, 2009

US models withdrawn effective October 2009 or February 2011

© Lenovo
(DOV2-1) February 2011

Limited Warranty¹²

⇒ **1-year warranty*:**

- * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter

⇒ **Mail In repair service**

⇒ **Service upgrade options (in eligible locations):⁹**

- 3-year Depot warranty 78Y1538
- 1-year Mail In with accidental damage protection 55Y2511
- 3-year Mail In with accidental damage protection 78Y1539
- 3-year Onsite warranty 78Y1540
- 1-year Onsite with accidental damage protection 78Y1533

⇒ **Toll-free support for warranty issues during the warranty period¹² via 877-453-6686**

lenovo



Lenovo G450



Lenovo G450



Lenovo G450



Lenovo G450

- **14.0" widescreen, glossy display**
- **Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face.**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

See footnotes for important warranty information
US model announced August 11, 2009
US model withdrawn effective February 2011

Type-model	Processor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Keypad	Blue-tooth	Battery cells	Win7 preload	Avail date
2949-CFU	T4300	2.10	3GB	14.0" WXGA	0.3M	GMA	250GB ⁸	DVD±RW	11b/g ¹¹	Gray	None	None	6-cell	Prem 32	Oct 09
2949-CHU	T4300	2.10	4GB	14.0" WXGA	0.3M	GMA	320GB	DVD±RW	11b/g	Gray	None	None	6-cell	Prem 64	Oct 09

- **14.0" widescreen, glossy display**
- **Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face.**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Positioning Processo	<i>Widescreen flexibility; two-spindle</i> Intel® Pentium® Processor T4300 with dual-core, 800MHz system bus, and 1MB L2 cache		Preloaded operating system ²⁰ - <i>Some:</i> Genuine Windows® 7 Home Premium 32 - <i>Some:</i> Genuine Windows 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee VirusScan® Plus (60 days of virus definitions) • Adobe® Reader • Windows Live™ Toolbar • Easy Capture • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
Memory	3GB or 4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available		
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 250GB (5400 rpm) or 320GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high		
Widescreen display Camera	14.0" (355.6mm) WXGA (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 0.3-megapixel, fixed focus		
Integrated graphics	Intel Graphics Media Accelerator 4500M (GMA 4500M) , in GL40, <i>Max external resolution: 2048x1536 @75Hz (DB-15 port)</i>		
Keyboard Numeric keypad Multimedia controls Touch pad	Full-size keyboard, Fn keys, recovery key None Touch-sensitive volume control panel Two-button touch pad with scroll feature (no TrackPoint®)		65-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant Limited Warranty ¹² ⇒ 1-year warranty* : * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇒ Mail In repair service ⇒ Service upgrade options (in eligible locations): ⁹ • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇒ Toll-free support for warranty issues during the warranty period ¹² via 877-453-6686
Dimensions ³ Weight ² Case color Case material Battery - type Battery - life ¹⁰	<i>(WxDxH):</i> 13.6" x 9.3" x 1.03" to 1.41"; 345mm x 235mm x 26.2 to 35.9mm with optical drive and battery: <i>6-cell:</i> from 4.87 lb (2.21kg) Gray top, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell <i>6-cell:</i> up to 5 hr		
Chipset	Mobile Intel GL40 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)		
ExpressCard/34 Multicard reader Ports	One slot (ExpressCard/34) None Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)		
TV tuner Mini PCI Express 11b/g ²⁸ Bluetooth™ Modem Ethernet Audio support	None One Mini PCI Express slot 11b/g wireless ⁴ , Mini PCI Express Adapter, Broadcom® BCM4312 None None 10/100 ethernet, Broadcom® BCM5906M High Definition (HD) Audio, CX20561-12Z codec / two stereo speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)		
Security Fingerprint reader	Power-on password, hard disk password, supervisor password, security lockhole None		

See footnotes for important warranty information
US models announced October 23, 2009
US models withdrawn effective February 2011

© Lenovo
(APX2-2) February 2011

Lenovo® G450 (2949) - NVIDIA (Windows 7) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Pro- cessor	GHz	Memory	Widescreen display	Cam- era	Discrete graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Keypad	Blue- tooth	Battery cells	Win7 preload	Avail date
2949-CGU	T6600	2.20	4GB	14.0" WXGA	0.3M	G210M	320GB ⁸	DVD±RW	Intel 5100 ²⁸	Gray	None	Blue	6-cell	Prem 64	Oct 09

- **14.0" widescreen, glossy display**
- **Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face.**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Positioning Processo	<i>Widescreen flexibility; two-spindle</i> Intel® Core™ 2 Duo Processor T6600 with dual-core , 800MHz system bus, and 2MB L2 cache		Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee VirusScan® Plus (60 days of virus definitions) • Adobe® Reader • Windows Live™ Toolbar • Easy Capture • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
Memory	4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available		
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 320GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high		
Widescreen display Camera	14.0" (355.6mm) WXGA (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 0.3-megapixel, fixed focus		
Discrete graphics	NVIDIA® GeForce® G210M , PCI Express® x16, 512MB memory, DirectX® 10.1, PureVideo® HD technology, VGA, HDMI, HDCP-compliant		90-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant Limited Warranty¹² ⇨ 1-year warranty*: * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options (in eligible locations):⁹ • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 • 1-year Onsite with accidental damage protection 78Y1533 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686
Keyboard Numeric keypad Multimedia controls Touch pad	Full-size keyboard, Fn keys, recovery key None Touch-sensitive volume control panel Two-button touch pad with scroll feature (no TrackPoint®)		
Dimensions ³ Weight ² Case color Case material Battery - type Battery - life ¹⁰	(WxDxH): 13.6" x 9.3" x 1.03" to 1.41"; 345mm x 235mm x 26.2 to 35.9mm with optical drive and battery: <i>6-cell</i> : from 4.87 lb (2.21kg) Gray top, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell <i>6-cell</i> : up to 3.6 hr		
Chipset	Mobile Intel GM45 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)		
ExpressCard/34 Multicard reader	One slot (ExpressCard/34) 5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)		
Ports	Three USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)		
TV tuner Mini PCI Express Intel 5100 ²⁸ Bluetooth™ Modem Ethernet Audio support	None One Mini PCI Express slot 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) Bluetooth 2.1 wireless, USB 2.0 interface via ICH9M, LED indicator None 10/100 ethernet, Broadcom® BCM5906M High Definition (HD) Audio, CX20561-12Z codec / two stereo speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)		
Security Fingerprint reader	Power-on password, hard disk password, supervisor password, security lockhole None		

See footnotes for important warranty information
US model announced October 23, 2009
US model withdrawn effective February 2011

© Lenovo
(APX2-3) February 2011

Type-model	Processor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Numeric Keypad	Blue-tooth	Battery cells	Win7 preload	Avail date
0708-32U	M320	2.10	3GB	14.0" HD	0.3M	HD 4200	320GB ⁸	DVD±RW	11b/g/n ²⁸	Gray	None	Blue	6-cell	Prem 32	Feb 10

- **14.0" widescreen, glossy display**
- **Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **This system is Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning Processo	Widescreen flexibility; two-spindle AMD® Athlon™ II Dual-Core processor M320 with dual-core , integrated DDR2 memory controller, and 1MB L2 cache		Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 32 Preloaded applications ¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Lenovo DirectShare • Cyberlink Power2Go (DVD±RW)
Memory	3GB std / 4GB max ⁷ / PC2-6400 800MHz DDR2 , non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available		
Diskette drive SATA DVD±RW SATA disk	None DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in 320GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high		
Widescreen display display Camera	14.0" (355.6mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Camera on top of screen, 0.3-megapixel, fixed focus		
Integrated graphics	ATI™ Mobility Radeon™ HD 4200 Graphics , in M880G, external analog monitor support via VGA DB-15 connector		65-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant
Keyboard Numeric keypad Multimedia controls Touch pad	Full-size keyboard, 6-row, recovery key None Multimedia Fn keys Two-button touch pad with scroll feature (no TrackPoint®)		
Dimensions ³ Weight ² Case color Case material Battery - type Battery - life ¹⁰	(WxDxH): 13.6" x 9.3" x 1.03" to 1.41"; 345mm x 235mm x 26.2 to 35.9mm with optical drive and battery: <i>6-cell</i> : from 4.85 lb (2.2kg) Gray top, black bottom Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic Lithium Ion 6-cell <i>6-cell</i> : up to 4 hr		Limited Warranty ¹² ⇒ 1-year warranty* : * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇒ Mail In repair service ⇒ Service upgrade options ⁵⁸ (in eligible locations): ⁹ • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 ⇒ Toll-free support for warranty issues during the warranty period ¹² via 877-453-6686
Chipset ExpressCard/34 Multicard reader	AMD M880G Chipset , SB710 south bridge None 5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)		
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)		
TV tuner PCIe Mini Card 11b/g/n ²⁸ Bluetooth™ Modem Ethernet Audio support	None One PCIe Mini Card slot 11b/g/n wireless ⁴ , PCIe Mini Card adapter Bluetooth 2.1 wireless, USB 2.0 interface None 10/100 ethernet, ATHEROS® AR8132 High Definition (HD) Audio, CX20561-12Z codec / stereo speakers (2 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)		
Security Fingerprint reader	Power-on password, hard disk password, supervisor password, security lockhole None		

See footnotes for important warranty information

US model announced February 23, 2010

US model withdrawn effective February 2011

 © Lenovo
(CTR1-1) February 2011

lenovo



Lenovo G550



Lenovo G550



Lenovo G550



Lenovo G550

Type-model	Pro- cessor	GHz	Memory	Widescreen display	Cam- era	Integrated graphics	Chipset	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Card reader	Express- Card	Battery cells	Vista preload	Avail date
2958-2CU	T4200	2.00	2GB	15.6" WXGA	Cam	4500M	GL40	250GB ⁸	DVD±RW	11b/g ¹¹	Gray		/34	6-cell	Prem 32	Jul 09
2958-2DU	T4200	2.00	3GB	15.6" WXGA	Cam	4500M	GL40	250GB	DVD±RW	11b/g	Gray		/34	6-cell	Prem 32	Jul 09
2958-2BU	T4200	2.00	4GB	15.6" WXGA	Cam	4500M	GL40	320GB	DVD±RW	11b/g	Gray		/34	6-cell	Prem 64	Jul 09
2958-45U	T4200	2.00	4GB	15.6" WXGA	Cam	4500M	GL40	320GB	DVD±RW	11b/g	Black			6-cell	Prem 64	Aug 09
2958-3AU	T4200	2.00	4GB	15.6" WXGA	Cam	4500M	GL40	320GB	DVD±RW	11b/g	Black			6-cell	Prem 64	Aug 09
2958-3EU	T6500	2.10	4GB	15.6" WXGA	Cam	4500MHD	GM45	320GB	DVD±RW	Intel 5100	Gray	5-in-1	/34	6-cell	Prem 64	Aug 09
2958-3CU	T6500	2.10	4GB	15.6" WXGA	Cam	4500MHD	GM45	250GB	DVD±RW	Intel 5100	Gray	5-in-1	/34	6-cell	Prem 64	Aug 09
2958-3BU	T6500	2.10	4GB	15.6" WXGA	Cam	4500MHD	GM45	320GB	DVD±RW	Intel 5100	Gray	5-in-1	/34	6-cell	Prem 64	Aug 09

- **15.6" widescreen, glossy display**
- **Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face.**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Positioning Processor	Widescreen flexibility; two-spindle Intel® Pentium® Processor T4200 with dual-core, 800MHz system bus, and 1MB L2 cache or Intel Core™ 2 Duo processor T6500 with dual-core, 800MHz system bus, and 2MB L2 cache		Preloaded operating system ²⁰ - <i>Some:</i> Genuine Windows® Vista® Home Premium 32 - <i>Some:</i> Genuine Windows Vista Home Premium 64 ✧ Vista Premium logo Preloaded applications ¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • Norton Internet Security™ (90 days of virus definitions) • Adobe® Reader • Windows Live™ Toolbar • Easy Capture • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
Memory	2GB, 3GB, or 4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; 1 socket available		
Diskette drive	None		
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in		
SATA disk	250GB (5400 rpm) or 320GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable		
Widescreen display	15.6" (396.2mm) WXGA (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio		
Camera	Camera on top of screen, 0.3-megapixel, fixed focus		
Integrated graphics	<i>Some:</i> Intel Graphics Media Accelerator 4500M (GMA 4500M) , in GL40, one VGA DB-15 port; <i>Some:</i> Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GM45 one VGA DB-15 port, one HDMI port (HDCP-compliant); <i>Max external resolution:</i> 2048x1536@75Hz (DB-15 port)		
Keyboard	Full-size keyboard, Fn keys, recovery key		
Numeric keypad	Numeric keypad on right of keyboard		
Multimedia controls	<i>Gray models:</i> Touch-sensitive volume control panel		
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)		
Dimensions ³	(WxDxH): 15.0" x 9.6" x 1.04" to 1.43"; 381mm x 245mm x 26.5 to 36.2mm		
Weight ²	with optical drive and battery: <i>6-cell:</i> from 5.95 lb (2.7 kg)		
Case color	Gray or Black top, black bottom		
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic		
Battery - type	Lithium Ion 6-cell		
Battery - life ¹⁰	<i>6-cell:</i> up to 3.8 hr		
Chipset	<i>Some:</i> Mobile Intel GL40 Express Chipset (Memory Controller Hub), <i>Some:</i> Mobile Intel GM45 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)		
ExpressCard/34	<i>Some:</i> One slot (ExpressCard/34)		
Multicard reader	<i>Some:</i> 5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)		
Ports	Three USB 2.0, external monitor (HDMI on some models, VGA), ethernet (RJ-45)		
TV tuner	None		
Mini PCI Express	One Mini PCI Express slot <i>Some:</i> 11b/g wireless ⁴ , Mini PCI Express Adapter, Broadcom® BCM4312 <i>Some:</i> 11a/b/g/n, Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)		
Intel 5100 ²⁸			
Bluetooth™	None		
Modem	None		
Ethernet	10/100 ethernet, Broadcom® BCM5906M		
Audio support	High Definition (HD) Audio, CX20561-12Z codec / two stereo speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)		
Security	Power-on password, hard disk password, supervisor password, security lockhole		
Fingerprint reader	None		

Limited Warranty ¹²	
✧ 1-year warranty* : * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter	
✧ Mail In repair service	
✧ Service upgrade options (in eligible locations): ⁹	
• 3-year Depot warranty	78Y1538
• 1-year Mail In with accidental damage protection	55Y2511
• 3-year Mail In with accidental damage protection	78Y1539
• 3-year Onsite warranty	78Y1540
• 1-year Onsite with accidental damage protection	78Y1533
✧ Toll-free support for warranty issues during the warranty period ¹² via 877-453-6686	

See footnotes for important warranty information
US models announced July 8 or August 19, 2009
US models withdrawn effective October 2009 or February, 2011

© Lenovo
(APX1-1) February 2011

Lenovo® G550 (2958) - GMA (October 2009) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Pro-cessor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	Chipset	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Card reader	Express-Card Blue-tooth	Preload	Avail date
2958-A5U	T4300	2.10	3GB	15.6" WXGA	0.3M	4500M	GL40	250GB ⁸	DVD±RW	11b/g ¹¹	Black		None	XP Pro	Oct 09
2958-A4U	T6600	2.20	3GB	15.6" WXGA	0.3M	4500MHD	GM45	320GB	DVD±RW	Intel 5100 ²⁸	Black	5-in-1	None	XP Pro	Oct 09

- **15.6" widescreen, glossy display**
- **Integrated 0.3 megapixel camera**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> Intel® Pentium® Processor T4300 with dual-core, 800MHz system bus, and 1MB L2 cache or Intel Core™ 2 Duo processor T6600 with dual-core, 800MHz system bus, and 2MB L2 cache	Preloaded operating system ²⁰ - Windows XP Professional preinstalled through downgrade rights in Genuine Windows 7 Professional Preloaded applications ¹⁴ (only some listed) • Lenovo OneKey Recovery • Norton Internet Security™ (90 days of virus definitions) • Adobe® Reader • Windows Live™ Toolbar • Lenovo Energy Management Software • Corel® WinDVD® (DVD±RW)
Memory	3GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available;	
Diskette drive	None	
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	250GB (5400 rpm) or 320GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable	
Widescreen display	15.6" (396.2mm) WXGA (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	65-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant Limited Warranty¹² ⇨ 1-year warranty*: * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail in repair service ⇨ Service upgrade options (in eligible locations):⁹ • 3-year Mail In warranty 55Y2507 • 1-year Mail In warranty with ADP 55Y2511 • 3-year Mail In warranty with ADP 55Y2513 • 3-year Onsite warranty 55Y2510 • 1-year Onsite warranty with ADP 55Y2514 ⇨ Toll-free support for warranty issues during the warranty period¹² via 877-453-6686
Camera	Camera on top of screen, 0.3-megapixel, fixed focus	
Integrated graphics	<i>Some:</i> Intel Graphics Media Accelerator 4500M (GMA 4500M) , in GL40, one VGA DB-15 port; <i>Some:</i> Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GM45 one VGA DB-15 port, one HDMI port (HDCP-compliant); <i>Max external resolution:</i> 2048x1536@75Hz (DB-15 port)	
Keyboard	Full-size keyboard, Fn keys, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Multimedia controls	None	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)	
Dimensions ³	(WxDxH): 15.0" x 9.6" x 1.04" to 1.43"; 381mm x 245mm x 26.5 to 36.2mm	
Weight ²	with optical drive and battery: <i>6-cell</i> : from 5.95 lb (2.7 kg)	
Case color	Gray or Black top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	<i>6-cell:</i> up to 3.8 hr	
Chipset	<i>Some:</i> Mobile Intel GL40 Express Chipset (Memory Controller Hub), <i>Some:</i> Mobile Intel GM45 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)	
ExpressCard/34	None	
Multicard reader	<i>Some:</i> 5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)	
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)	
TV tuner	None	
Mini PCI Express	One Mini PCI Express slot	
11b/g ¹¹	<i>Some:</i> 11b/g wireless ⁴ , Mini PCI Express Adapter, Broadcom® BCM4312	
Intel 5100 ²⁸	<i>Some:</i> 11a/b/g/n, Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)	
Bluetooth™	None	
Modem	None	
Ethernet	10/100 ethernet, Broadcom® BCM5906M	
Audio support	High Definition (HD) Audio, CX20561-12Z codec / two stereo speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Power-on password, hard disk password, supervisor password, security lockhole	
Fingerprint reader	None	

See footnotes for important warranty information
 US models announced October 23, 2009
 US models withdrawn effective October, 2010

© Lenovo
 (APX1-3) October 2010

Type-model	Pro-cessor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	Chipset	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Card reader	Express-Card	Blue-tooth	Win7 preload	Avail date
2958-ACU	T4300	2.10	3GB	15.6" WXGA	0.3M	4500M	GL40	250GB ⁸	DVD±RW	11b/g ¹¹	Black				Prem 32	Oct 09
2958-A3U	T4300	2.10	4GB	15.6" WXGA	0.3M	4500M	GL40	250GB	DVD±RW	11b/g	Gray		/34		Prem 64	Oct 09
2958-E9U	T6600	2.20	4GB	15.6" WXGA	0.3M	4500MHD	GM45	250GB	DVD±RW	Intel 5100 ²⁸	Gray	5-in-1	/34		Prem 64	Oct 09
2958-R6U	T4300	2.10	3GB	15.6" WXGA	0.3M	4500M	GL40	250GB	DVD±RW	11b/g	Gray		/34		Prem 32	Oct 09
2958-HJU	T4300	2.10	4GB	15.6" WXGA	0.3M	4500M	GL40	320GB	DVD±RW	11b/g	Gray		/34	Blue	Prem 64	Oct 09
2958-HHU	T6600	2.20	2GB	15.6" WXGA	0.3M	4500M	GL40	160GB	DVD±RW	11b/g	Gray		/34		Prem 32	Oct 09
2958-6SU	T4400	2.20	4GB	15.6" WXGA	0.3M	4500M	GL40	320GB	DVD±RW	11b/g	Gray		/34		Prem 64	Dec 09
2958-6TU	T6600	2.20	3GB	15.6" WXGA	0.3M	4500M	GL40	250GB	DVD±RW	11b/g	Gray		/34		Prem 64	Dec 09
2958-FDU	T4400	2.20	4GB	15.6" WXGA	0.3M	4500M	GL40	250GB	DVD±RW	11b/g	Black				Prem 64	Apr 10
2958-9PU	T4500	2.30	4GB	15.6" WXGA	0.3M	4500M	GL40	250GB	DVD±RW	11b/g	Black				Prem 64	Jul 10
2958-8GU	Cel 900	2.20	3GB	15.6" WXGA	0.3M	4500M	GL40	160GB	DVD±RW	11b/g	Black				Prem 32	Aug 10
2958-XFU	Cel 900	2.20	2GB	15.6" WXGA	0.3M	4500M	GL40	160GB	DVD±RW	11b/g	Black				Prem 64	Aug 10
2958-LFU	Cel 900	2.20	3GB	15.6" WXGA	0.3M	4500M	GL40	250GB	DVD±RW	11b/g	Black				Prem 32	Aug 10
2958-LEU	Cel 900	2.20	4GB	15.6" WXGA	0.3M	4500M	GL40	500GB	DVD±RW	11b/g	Black				Prem 64	Aug 10

- **15.6" widescreen, glossy display**
- **Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Positioning Processor	Widescreen flexibility; two-spindle Intel® Celeron® Processor 900 with single-core, 800MHz system bus, and 1MB L2 cache or Intel Pentium® processor T4300, T4400, or T4500 with dual-core, 800MHz system bus, and 1MB L2 cache or Intel Core™ 2 Duo processor T6600 with dual-core, 800MHz system bus, and 2MB L2 cache										Preloaded operating system²⁰ - Some: Genuine Windows 7 Home Premium 32 - Some: Genuine Windows 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • Adobe® Reader® • Windows Live™ Toolbar • Easy Capture • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)					
Memory	2GB, 3GB, or 4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; 1 socket available															
Diskette drive	None															
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in															
SATA disk	160GB (5400 rpm), 250GB (5400 rpm), 320GB (5400 rpm), or 500GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable															
Widescreen display	15.6" (396.2mm) WXGA (1366x768) TFT color, VibrantView (glossy), LED backlight , 220 nits, 16:9 aspect ratio, 500:1 contrast ratio															
Camera	Camera on top of screen, 0.3-megapixel, fixed focus															
Integrated graphics	<i>Some:</i> Intel Graphics Media Accelerator 4500M (GMA 4500M) , in GL40, one VGA DB-15 port; <i>Some:</i> Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , in GM45, one VGA DB-15 port, one HDMI port (HDCP-compliant); <i>Max external resolution:</i> 2048x1536@75Hz (DB-15 port)															
Keyboard	Full-size keyboard, Fn keys, recovery key															
Numeric keypad	Numeric keypad on right of keyboard															
Multimedia controls	<i>Gray models:</i> Touch-sensitive volume control panel															
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)															
Dimensions ³	(WxDxH): 15.0" x 9.6" x 1.04" to 1.43"; 381mm x 245mm x 26.5 to 36.2mm															
Weight ²	with optical drive and battery: <i>6-cell:</i> from 5.95 lb (2.7 kg)															
Case color	Gray or Black top, black bottom															
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic															
Battery - type	Lithium Ion 6-cell															
Battery - life ¹⁰	<i>6-cell:</i> up to 3.8 hr															
Chipset	<i>Some:</i> Mobile Intel GL40 Express Chipset (Memory Controller Hub), <i>Some:</i> Mobile Intel GM45 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)															
ExpressCard/34	<i>Some:</i> One slot (ExpressCard/34)															
Multicard reader	<i>Some:</i> 5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)															
Ports	Three USB 2.0, external monitor (HDMI on some models, VGA), ethernet (RJ-45)															
TV tuner	None															
Mini PCI Express	One Mini PCI Express slot															
11b/g ¹¹	<i>Some:</i> 11b/g wireless ⁴ , Mini PCI Express Adapter, Broadcom® BCM4312															
Intel 5100 ²⁸	<i>Some:</i> 11a/b/g/n, Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)															
Bluetooth™	<i>Some:</i> Bluetooth 2.1 wireless, USB 2.0 interface via ICH9M, LED indicator															
Modem	None															
Ethernet	10/100 ethernet, Broadcom® BCM5906M															
Audio support	High Definition (HD) Audio, CX20561-12Z codec / two stereo speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)															
Security	Power-on password, hard disk password, supervisor password, security lockhole															
Fingerprint reader	None															

See footnotes for important warranty information
 US models announced October 23 or December 17, 2009, April 28, July 28, or August 4, 2010
 US models withdrawn effective February, 2011

© Lenovo
 (APX1-2) February 2011

Type-model	Pro-cessor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Numeric Keypad	Blue-tooth	Battery cells	Win7 preload	Avail date
0873-25U	M320	2.10	2+1GB	15.6" HD	0.3M	HD 4200	160GB ⁸	DVD±RW	11b/g/n ²⁸	Black	Keypad	None	6-cell	Prem 32	Feb 10
0873-74U	M340	2.20	2GBx1	15.6" HD	0.3M	HD 4200	160GB ⁸	DVD±RW	11b/g/n	Black	Keypad	None	6-cell	Prem 32	Aug 10

- 15.6" widescreen, glossy display
- Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows
- These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)

Positioning Processor	Widescreen flexibility; two-spindle AMD® Athlon™ II Dual-Core processor M320 or M340 with dual-core, integrated DDR2 memory controller, and 1MB L2 cache		Preloaded operating system ²⁰ - Genuine Windows 7 Home Premium 32 Preloaded applications ¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW) 65-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant
Memory	2GB or 3GB std / 4GB max ⁷ / PC2-6400 800MHz DDR2 , non-parity, dual-channel capable, two 200-pin SO-DIMM sockets;		
Diskette drive	None		
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in		
SATA disk	160GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high		
Widescreen display	15.6" (396.2mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy), CCFL backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio		
Camera	Camera on top of screen, 0.3-megapixel, fixed focus		
Integrated graphics	ATI™ Mobility Radeon™ HD 4200 Graphics , in M880G, external analog monitor support via VGA DB-15 connector		
Keyboard	Full-size keyboard, 6-row, recovery key		
Numeric keypad	Numeric keypad on right of keyboard		
Multimedia controls	Multimedia Fn keys		
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)		
Dimensions ³	(WxDxH): 15.0" x 9.6" x 1.04" to 1.43"; 381mm x 245mm x 26.5 to 36.2mm		
Weight ²	with optical drive and battery: <i>6-cell</i> : from 5.95 lb (2.7 kg)		
Case color	Black top, black bottom		
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic		
Battery - type	Lithium Ion 6-cell		
Battery - life ¹⁰	<i>6-cell</i> : up to 4 hr		
Chipset	AMD M880G Chipset , SB710 south bridge		
ExpressCard/34	None		
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)		
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)		
TV tuner	None		
PCIe Mini Card	One PCI Express Mini Card slot		
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card Adapter		
Bluetooth™	None		
Modem	None		
Ethernet	10/100 ethernet, Atheros® AR8132		
Audio support	High Definition (HD) Audio, CX20561-12Z codec / stereo speakers (2 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)		
Security	Power-on password, hard disk password, supervisor password, security lockhole		
Fingerprint reader	None		

| **Limited Warranty**¹² ⇒ **1-year warranty***: * **1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter** ⇒ **Mail In repair service** ⇒ **Service upgrade options**⁵⁸ (in eligible locations):⁹ - **3-year Depot warranty** 78Y1538 - **1-year Mail In with accidental damage protection** 55Y2511 - **3-year Mail In with accidental damage protection** 78Y1539 - **3-year Onsite warranty** 78Y1540 ⇒ **Toll-free support for warranty issues during the warranty period**¹² via 877-453-6686 | | |

See footnotes for important warranty information
US models announced February 23 or August 4, 2010
US models withdrawn effective February, 2011

© Lenovo
(SKT1-2) February 2011

Type-model	Pro-cessor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Numeric Keypad	Blue-tooth	Battery cells	Win7 preload	Avail date
0873-72U	M520	2.30	2+1GB	15.6" HD	0.3M	HD 4200	320GB ⁸	DVD±RW	11b/g/n ²⁸	Black	Keypad	Blue	6-cell	Prem 32	Feb 10
0873-26U	M320	2.10	2GBx2	15.6" HD	0.3M	HD 4200	500GB	DVD±RW	11b/g/n	Black	Keypad	Blue	6-cell	Prem 64	Aug 10

- **15.6" widescreen, glossy display**
- **Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> AMD® Athlon™ II Dual-Core processor M320 with dual-core , integrated DDR2 memory controller, and 1MB L2 cache or AMD Turion™ II Dual-Core Mobile processor M520 with dual-core , integrated DDR2 memory controller, and 1MB L2 cache	Preloaded operating system ²⁰ - <i>Some:</i> Genuine Windows 7 Home Premium 32 - <i>Some:</i> Genuine Windows 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo OneKey Recovery • Lenovo ReadyComm • McAfee® VirusScan® Plus (60 days of virus definitions) • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • VeriFace™ • Lenovo Energy Management Software • Cyberlink Power2Go (DVD±RW)
Memory	3GB or 4GB std / 4GB max ⁷ / PC2-6400 800MHz DDR2 , non-parity, dual-channel capable, two 200-pin SO-DIMM sockets;	
Diskette drive	None	
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in	
SATA disk	320GB (5400 rpm) or 500GB (5400 rpm) / SATA 3.0Gb/s, 9.5mm high	
Widescreen display	15.6" (396.2mm) HD (WXGA 1366x768) TFT color, VibrantView (glossy), CCFL backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	65-watt AC adapter Wireless on/off switch ENERGY STAR® 5.0-compliant RoHS-compliant Limited Warranty ¹² ⇨ 1-year warranty* : * 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇨ Mail In repair service ⇨ Service upgrade options ⁵⁸ (in eligible locations): ⁹ • 3-year Depot warranty 78Y1538 • 1-year Mail In with accidental damage protection 55Y2511 • 3-year Mail In with accidental damage protection 78Y1539 • 3-year Onsite warranty 78Y1540 ⇨ Toll-free support for warranty issues during the warranty period ¹² via 877-453-6686
Camera	Camera on top of screen, 0.3-megapixel, fixed focus	
Integrated graphics	ATI™ Mobility Radeon™ HD 4200 Graphics , in M880G, external analog monitor support via VGA DB-15 connector	
Keyboard	Full-size keyboard, 6-row, recovery key	
Numeric keypad	Numeric keypad on right of keyboard	
Multimedia controls	Multimedia Fn keys	
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)	
Dimensions ³	(WxDxH): 15.0" x 9.6" x 1.04" to 1.43"; 381mm x 245mm x 26.5 to 36.2mm	
Weight ²	with optical drive and battery: <i>6-cell</i> : from 5.95 lb (2.7 kg)	
Case color	Black top, black bottom	
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic	
Battery - type	Lithium Ion 6-cell	
Battery - life ¹⁰	<i>6-cell</i> : up to 4 hr	
Chipset	AMD M880G Chipset , SB710 south bridge	
ExpressCard/34	None	
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)	
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)	
TV tuner	None	
PCIe Mini Card	One PCI Express Mini Card slot	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card Adapter	
Bluetooth™	Bluetooth 2.1 wireless	
Modem	None	
Ethernet	10/100 ethernet, ATHEROS® AR8132	
Audio support	High Definition (HD) Audio, CX20561-12Z codec / stereo speakers (2 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Security	Power-on password, hard disk password, supervisor password, security lockhole	
Fingerprint reader	None	

See footnotes for important warranty information
 US models announced February 23 or August 4, 2010
 US models withdrawn effective February, 2011

© Lenovo
 (SKT1-1) February 2011

Availability: All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo is not responsible for photographic or typographic errors.

Warranty: For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC, 27709, Attn: Dept ZPYA/B676. Lenovo makes no representation or warranty regarding third party products or services.

Footnotes:

¹ With Intel SpeedStep, processor speed may be reduced to conserve battery power.

² **Weight** includes battery and standard optical drive; weight may vary due to vendor components, manufacturing process and options.

³ **Thinness** may vary at certain points on the system.

⁴ **Wireless capability:** Requires compatible wireless-enabled options sold separately.

⁵ **Post-warranty annual maintenance agreement:** Service begins at the end of the base warranty or the end of any other applied warranty and maintenance option, whichever occurs last. Service delivery is not available the same day the maintenance agreement is purchased. Maintenance agreements must be purchased and the registration successfully completed prior to the service being available.

⁶ **Public network download speeds** are limited to 53Kbps. Upload speeds are limited to 31.2Kbps. Compatible phone line and server equipment required. Actual speeds depend on many factors and are often less than the maximum possible.

⁷ **Maximum memory and hard disk drive capacity** may require the replacement of standard component with largest supported component available.

⁸ **Hard drive:** GB = billion bytes, TB = trillion bytes. Accessible capacity is less; up to 4GB is service partition.

¹⁰ **Battery:** These model numbers achieved Battery Rundown Time of at least the time shown during testing. A description of the testing available at **lenovo.com/pc/ww/thinkpad/batterylife**. Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning, and other customer preferences.

¹¹ **Wireless:** Based on IEEE 802.11a, 802.11b, and 802.11g respectively. An adapter with 11a/b, 11b/g, or 11a/b/g can communicate on either/any of these listed formats respectively, the actual connection will be based on the access point to which it connects.

¹² **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges.

¹³ **Onsite Service:** If a machine is listed as having "On-site", this means that on-site service is available for the replacement of parts for warranty repairs. Certain parts, referred to as Customer Replaceable Unit ("CRU") parts, are easy to install and require little or no tools or technical knowledge. Some examples of CRU parts are mice, keyboards, hard disk drives, speakers, and memory. If your problem can be resolved with a CRU, the Support Center will offer to ship the part to you for you to install.

¹⁴ **Included software** may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.

¹⁵ **Modem speeds:** Public network download speeds are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.

¹⁷ **International Warranty Service** is available for most products in any country in which this product is sold and serviced. Service delivery methods and parts availability vary by country, may be different from that in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries.

¹⁸ **Telephone support** may be subject to additional charges, even during the limited warranty period. Response times may vary and may exclude some holidays.

¹⁹ **EasyServ depot repair:** The customer may be asked certain diagnostic questions before a courier is sent. Your purchase includes this depot repair service, available in the U.S. during the limited warranty period.

²⁰ **Operating System:** Level of support varies by operating system. Operating systems not preloaded on the system may not provide full feature functionality. Refer to lenovo.com/pc/support and enter your machine type and model number for more information.

²¹ **For combination drives**, maximum possible speeds only are given in the following order: CD write, CD rewrite, CD read, DVD read.

²² **Lenovo Care Services:** These services are available for machines normally used for business, professional, or trade purposes, rather than personal, family, or household purposes. Not all machine types and models are covered. Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees. If the machine problem turns out to be a Customer Replaceable Unit (CRU), a part can be express shipped to you for quick replacement. For notebooks requiring LCD or other component replacement, Lenovo may choose to perform service at the depot repair center. Calls must be received by 5 pm local time in order to qualify for Next Business Day service. P&L means parts and labor. P/U means pick-up. See terms and conditions for complete details and restrictions.

²⁵ **Wireless WAN Cards:** Wireless data service requires separate agreement with Verizon Wireless. Verizon Wireless, not Lenovo, is solely responsible for service. Monthly and airtime charges may apply. Service may not be available in all areas; purchaser is responsible for verifying with Verizon Wireless that service is available for the intended location before the purchase of the card. For complete details, including service plans, additional required hardware or software, and service coverage, visit www.verizonwireless.com.

²⁸ **The IEEE 802.11n specification (MIMO)** has not been finalized and is currently in draft release. The Lenovo 11a/b/g/n (11n) Wireless LAN Mini PCI Express Adapters are based on the Draft Release, Version 1.0, of the IEEE 802.11n specification. The maximum speed depends on the access point device and the number of integrated antenna used for connection. An adapter with 11a/b, 11a/b/g, or 11a/b/g/n can communicate on any of its supported formats.

³¹ **Maximum memory capacity** may require the replacement of standard component with largest supported component available. On systems with an Intel GM965 or PM965 chipset, even though it is possible to physically install 4GB of memory, the actual amount of memory addressable by an operating system will be limited to 3GB. This limitation does not exist with the Intel GM965 and PM965 with the 64-bit operating systems Windows XP Professional 64-bit and Windows Vista 64-bit Editions.



This publication was developed for products and services offered in the United States. Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. **LENOVO PROVIDES THIS PUBLICATION "AS IS," WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** Some jurisdictions do not allow disclaimer of express or implied warranties in certain transactions, therefore this disclaimer may not apply to you.

Trademarks: Lenovo, the Lenovo logo, New World, New Thinking., Access Connections, Rescue and Recovery, ThinkCentre, ThinkPad, ThinkStation, ThinkVantage, and ThinkVision are trademarks of Lenovo. Microsoft, Windows, and Vista are registered trademarks of Microsoft Corporation. Intel, the Intel logo, Intel Inside logo, Intel Core and Core Inside are trademarks of Intel Corporation in the US and other countries. Other company, product, or service names may be trademarks or service marks of others.

ENERGY STAR: As an ENERGY STAR Partner, Lenovo has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

Visit lenovo.com/safecomputing periodically for the latest information on safe and effective computing.

© Lenovo, 2011.
All rights reserved.

Lenovo
1009 Think Place
Morrisville, NC 27560
U.S.A.

February 2011
3wbook.pdf